This is the first par of the Shuichi document wich will cover the first three chapters of the videogame Daganronpa V3 Killing Harmony.

Shuichi is the main protagonists of the said game, where he is considered the “Ultimate Detective”, a capable apprentice detective who is capable of solving complex homicides through his reasoning abilities and tactical choices.

Shuichi is a neutral detective who switches between a passive approach where he analyse through logical reasoning the situation itself and gathers information, creating plan and using tactics to counter his opponent when getting pressured; after figuring a possible opening or figuring out the core of the situation Shuichi will switch to more aggressive approach mainly using schemes and traps to expose his opponents.

Before moving to the feats themselves there are a few things to point out:

1) Differently from the other game character Shuichi has main weapon under his sleeve, **Lie bullets.** Shucui can change A truth bullet (a proof) into a Lie Bullet (a fabricated or distorted version of the proof) that Shuichi will occasionally use to outsmart opponents.
2) **Backroutes**. As the name says backroutes are alternative ways of the the story where instead of approaching and solving the problem through Deductive reasoning Shuichi will instead fabricate a story intrigued with schemes to frame or outsmart the opponent. This document WON’T cover said backroutes to ease the reader to confusing them, thought a doc made specifically for backroutes is already begin prepared or is already out. So this document will cover only the lie bullets that happen on the game main route.
3) Some reasoning process have been broken down to
   to make the comprehension easier thought it has to be considered that most of the reasoning and their premises are connected to eachother and part of the same big reasoning process .
4) This document won’t cover Shuichi plan to catch the culprit since it already had an document for itself.
5) Considering how chapter 1 is structured the analysis of it will be sorta limited and won’t be really focus.

   Have a good reading. (In case you need more help about Shuichi scale you can add” nd1881” on discord.

Prologue + Shuichi past:
After waking up without memories Shuichi goes outside of the classroom with Kaede. Right after the first exile appears (a gigantic robot whose size is somewhat as big as the Juvenile school halls) Kaede panics while Shuichi manages to visualise a pattern to follow and escape the exile, inside a structure he never visited before, moving through two different floors till the gym. Not only that but while running (differently from Kaede) Shuichi effectively avoids other exiles without making them notice his movements taking the right directions while avoiding getting seen by the exiles that appear from other hallways. Doing rough decisions while guiding Kaede.
To boost this feat, later when Kaede got out of the classroom with more calm she noticed that the air was actually heavier , which of course means that Shuichi was able to maintain a clear reasoning while under pressure.
[VSI, WMI, PSI, Fast thinking, Analytical thinking, Stress management, Decision making, EM]

After waking up from the memory implantation Shuichi is able to maintain some what of a composure while trying to recollect his memory. Even when the Monokubs show up (mini bear shaped robots) Shuichi still maintains a cold head and tries to read them. [Emotional Management]

While talking about the memory loss with Kaede (the ultimate pianist) she seemed more carefree and optimistic, while Shuichi was taking notes and noticing how both don't remember anything and that it can't be a coincidence. Suggesting that something happened to them. [Insight]

When Shuichi notices the monopad with him he immediately notices that once turned on it displays the name of the owner (his own name) he immediately states that it might be something like a student handbook, we could recreate his reasoning process and supporting it by the fact that they woke up in a school-like and they are Ultimate level highschool student so it would be logical to associate the monopad with the student handbook. And deduce that it might actually be something important .

Shuichi is able to analyse the monopad design to modern student handbooks due to the environment they were in [Knowledge, Associative thinking]

After his meeting with Maki and dialogued with her Shuichi states how she didn't give him vibes of the Ultimate Child Caregiver. Doing this by just a simple look at her attitude
[Emotional Perception]

Before entering Daganronpa Shuichi already made some experience at his uncle's detective agency. Specifically receiving many small jobs like infidelity , background check and runaway cases, and even running the negotiation for then. While the job of PD in Japan doesn't require licenses to work it's at least expected for a detective or apprentice to have a degree in at least some subjects like: Criminology , Law, Investigative sciences etc...
We know for sure that Shuichi has knowledge of at leats these three subjects because it's exactly what he worked on at his Uncle Investigative agency (runaway and infidelity cases). Shuichi started working at his uncle at the age of 15 , meaning he learned some of the most hard subjects and got to work not only in one of the most hard jobs but also getting into a big agency to take multiple cases per day in the same pace (or even faster) as older adults who likely have studied for much more time and likely have multiple degrees in the subjects.

Shuichi learned multiple extremely hard subjects at the level of many others graduates at the age of 15 right after he had the chance to.
[VCI , Knowledge, Learning ability]

Shuichi has an indeep knowledge of criminology and Investigative science as well as taken by himself and experienced infidelity and run away case that requires the said knowledge.
[Knowledge, psychology, Emotional understanding]

Shuichi's uncle's approach to runaway cases was very specific. To be more clear he required that during the investigation it was necessary a confrontation from both sides due to the reasoning for the run away and have negotiations to make all parties happy. To do this Shuichi must have perceive and understand the emotions of the people he encountered and created an negotiation.
[Emotional understanding , Emotional perception, Abstract reasoning, Persuasion, Analysis , problem solving]

When asked why he started working there Shuichi says that his uncle never asked for help into the agency, the future ultimate detective actually chose himself to help him as payback for the care he gave to the young teen.
[Emotional engagement, Emotional Realization, Self – awareness]

Shuichi's first case was an unofficial one for a girl who lost her domestic alligator, she asked for Shuichi help . Shuichi accepted the assignment and started to make multiple

research on alligator behaviours and tools to catch them, going as far as climbing mountains and travelling rivers to find and capture the alligator. After he did it his classmates thanked and gave him a valentine chocolate box though Shuichi understood that it was just as thanks in a friendly way.

Shuichi researched and learned about the animal behaviour and tools to catch the alligator right after getting the assignment and was able to put it all into practice without any guidance or previous experience (underrated is that in a implied short time Shuichi was able to learn a put into practice something that normally requires weeks to learn) . Going as far as travelling mountains and rivers to help his friends.
[Info gathering, Inductive reasoning , learning ability, Emotion Engagement, Perseverance, Knowledge application]

Shuichi was able to understand the girl's intentions and emotions from her thanks and the valentine chocolate seeing through the possible misconception of her having a crush on him.
[Emotional perception, Emotional understanding, Seeing through people]

Shuichi was able to recall all of the events of the cases including his classmates thanks. Using the experience that he made then as learning and foundation to his detective work.
[Long term memory, WMI, Emotional Engagement]

When he was still in training Shuichi came across murder case and was able to solve it faster than the police itself pretty casually.

At the implied age of 15/14 yrs old Shuichi was able to sole a murder alone faster than the police, which is a clear implications of Shuichi reasoning abilities begin any of human comparable (just like any other ultimate).

Shuichi is implied to have a large general knowledge that goes from martial art terminology to knowledge over multiple literary works of the Victorian era. Shuichi also has the knowledge to examine and determine the injuries to the body and determine the cause of death
[VCI, Cognition, Crystallized intel, Knowledge]

Independently from the interpretation of the game is a matter of fact that this information is in Shuichi's brain as well as his personality during the whole killing game (as we see through the game).

Chapter 1 investigation and trial:

Shuichi is capable of examining Rantaro's body and figuring the specific cause of death, making an accurate body autospy.
[Cognition, Knowledge application]

When the group of students starts to panic and argue against each other due to the death of Rantaro, Shuichi takes control of the situation . He points out that pointing the finger against each other was completely useless and that was exactly what Monokuma wanted, understanding if they stop trusting the other it will be all useless. He then points out that each of them have to collaborate with the other to find the culprit but differently from what Monokuma wanted, solving the murder not because they trust each other but because they have to do it. Surprising and gaining everyone's support .

Shuichi is able to take control of difficult situations and convince everyone to work together [Emotional Understanding, Persuasion, Influence Building, Communication, Charisma, Leadership, Social Awareness]

Shuichi is able to foresee Monokuma's intentions by understanding his behaviours. [Psychological Insight, Psychoanalysis, Emotional Understanding, Emotional Perception, Abstract thinking]

While analysing Rantaro body Shuichi notices that the body was in a different position in bookshelf correspondence . Shuichi points out that if Rantaro was the one to open the door he then moved to the other side to check something. This was also supported by the fact that there was no sight of Rantaro's body getting moved. Which is possibly because by the lack of blood at the feet of the hidden bookshelf. [Observation]

Shuichi notices how deep the wound is, consistent with the blunt force trauma. [Observation]

While analysing the iron ball Shuichi recognised that it was from the warehouse and that it would require a strong person to use it (knowledge).
[Cognition, Memory]

After the autospy on the body Shuichi states that the Monokuma file is accurate.
[Deductive reasoning]

Through the whole investigation Kaede will switch to a guilty expression and Shuichi will occasionally point it out noticing her look variation.
[Observation, Emotional Perception]

Shuichi is able to check up the dead body and the pocket of a person he knew without any hesitation and examine him without losing composure. [Bias management, Emotional Management]

While observing what Rantaro had in his pocket Shuichi deduced that Rantaro could not have been the mastermind. Rantaro came in the library with his personal objects and in them there was no trace of the key for the door behind the moving bookshelf.
[Inductive reasoning]

While thinking about how it was possible that Rantaro was down there Shuichi came up to the conclusion that it was because he also noticed the hidden door and didn't tell anyone because likely he couldn't trust anyone. This is also supported by the fact that Rantaro stated that he would have stopped the killing game, but (differently from Shuichi) he didn't have no one to tell, and Shuichi takes into consideration that that's likely the only difference between him and Rantaro.
[Emotional Understanding, Insight]

Shuichi observers and notice how the books are just like Kaede set them up.
[Observation, Memory]

Shuichi analyses the moving bookshelf and the door and canes up with the hypothesis of a second person who could have hidden there.
[Abductive Reasoning]

To make sure Gonta alibi is correct Shuichi analysed the door of the movie room which would lead to an access at the library, and deduced that Gonta could not have gotten out of the game room from that door even with his brute force because.

1) The door was blocked and couldn't have been opened without brute force.

2) The dust was still sliding, meaning it wasn’t moved for a while.

[Deductive Reasoning, Critical Thinking]

Later during the class trial when Gonta will be accused by Kirumi of using the movie room film canvas to hit Rantaro Shuichi will also take note of it . pointing out how it could have been possible for Gota to roll up the canvas and pass it through the small opening in the door, use it to hit Rantaro. Though Shuichi himself will debunk it.
[VSI, Deductive reasoning, Analytical thinking]

When Kaede asks Shuichi about Kokichi alibi he states that Kokichi was alone. This is because everyone else didn’t mention him in their alibi and there is no one that can confirm it. Meaning he was likely alone.
[Inductive reasoning]

Shuichi remembers all of the truth bullets (proofs, alibi etc.) and uses them through the class trial.

- Monokuma File 1

- Moving Bookcase

-Card Reader Dust

- Receiver on Shuichi

- Classroom Vent

- Stacked Books

- Library Vent

- Rantaro's Belongings

- Maki's Account

- Bloody shoot ball

- Sliding Door

- Korekiyo's Account

- K1-B0's Account

- Front Entrance Photo

- Rear Entrance Photos

- Hidden Door Photos

- Promotional Video BGM

- Lookout Classroom

[Cognition, LTM, WMI , STM]

At the start of the first trial is Shuichi the one to point out that they should determine the sequence of the events.
[Leadership]

When the argument of Rantaro begin the mastermind is brought out Shuichi refute it supporting Kaede, saying that Rantaro didn't have any key with him to open the secret door.

P1: The secret door had a card reader

P2: Rantaro didn't have a key with him to open the door.

C: Rantaro couldn't have opened the door, which wouldn't make him the mastermind.
[Deductive reasoning, Cognition]

Shuichi is able to deduce how Rantaro was induced and killed into the spot.
Firstly Shuichi points out how Rantaro noticed the cameras during the first photo and tried to remove them in the second, meaning he noticed something that led him towards the camera.

P1: In the first photo Rantaro was opening the moving bookshelf .

P2: In the second photo Rantaro was getting closer seemingly trying to remove the cameras.

C: Rantaro noticed the hidden camera when he opened the moving bookshelf.

Shuichi then comes to the conclusion that the reason Rantaro noticed the cameras was because the flashlight was activated only on the camera that pointed out to the bookshelf.
Shuichi came to this conclusion after comparing the moving bookshelf photos with the entrance photos showing the brightness difference. Meaning what led Rantaro in that position was the flashlight of the cameras and the someone wanted to make him come there.

P1 : Rantaro discovered the hidden camera.

P2: There was a different brightness between the cameras that pointed the entrances and the cameras that pointed the bookshelf.

C: Rantaro noticed only the bookshelf camera because it was the only one with an activated flashlight.

[Deductive reasoning, Observation, Memory]

When Kaede finally gives up on searching for the mastermind she thinks that Shuichi should take on over her. And from her silence Shuichi is able to understand what she wants him to do.
[Emotional Perception, Emotional Understanding]

Shuichi engages his emotions into revealing the truth, even if it means sending Kaede to death, the person that in that moment was the closest to him. Even refuting people who are trying to prove Kaede innocence which clearly The pain in Shuichi's heart increases, and he handles it cleanly.
[Emotional Engagement,Emotional Management, Stress tolerance, Perseverance]

Shuichi learned from the words Kaede said to him during the elevator to not have to be afraid of facing the truth and use them to fight off.
[Learning ability, Emotional Engagement]

How Kaede killed Rantaro :

C:Kaede used it in the 1st floor classroom (the class where they hide to watch the stairs during the plan to expose the mastermind). Kaede used the classroom vent that led to the library making the ball rolling down to hit Rantaro, to make sure the ball came off correctly she used the books on top of the book case arranging them in a stair like way to make the ball fall correctly from the vent to the camera position while also placing vertically more books vertically preventing the ball to fall off or changing

direction while also concealing the view on books arranged like Stairs. Shuichi recalls that Kaede arranged everything for the murder during the preparation of the plan to expose the mastermind. She rolled the ball while they were leaving the classroom the moment Shuichi left, Kaede kept the shot ball in her backpack and used it when she had the occasion. Shuichi also deduced that Kaede was likely keeping it wrapped around her spare vest that he was while putting the camera in her backpack , in that way she could have brought it around without causing too much suspicion because it was hidden.

P1: Shuichi gave Kaede the information about the vent that was directly connected to the library while they were investigating.

P2: While gathering the materials for the plan Kaede offered to keep the cameras in her backpack where she stated to also keep her spare vest.

P3: During the preparation for the plan Kaede proposed to look at the vent in the library and used that as an excuse to put the books in order.

P4: When the allarams went on Shuichi went down stairs leaving Kaede alone for a few seconds in the classroom.

[FRI, Logical reasoning, Deductive reasoning, Observation, Cognition, Memory, Abstract Thinking, Convergent thinking, Logical thinking, Cause and Effect Reasoning]

Shuichi goes through multiple emotions turmoil overcoming his fear multiple times to keep his promise.
[EE, EM, Self Awareness]

After concluding how Kaede committed the murder Shuichi explains how Kaede wasn't persuaded neither by Monokuma or the instinct to survive, she was trying to kill the mastermind to stop the killing game, that she was trying to save them all. And at the end of the class trial after recalling all the events Shuichi explains word by word what Kaede was thinking when seeing Rantaro's body for the first time, where she was begin hopeful that the killing game would have been over post mastermind death.
[EP, EU]

Chapter 2 Trial + Investigation:

Chapter 2:

Shuichi is completely self aware of how painful it is to face the truth and that it's too much to hold out, while talking to Kaito and hearing his illogical but creative ideologies he understands that he is exactly what he needs to get mentally stronger. [Abstract Reasoning, NCPS, Emotional Understanding, Emotional Realisation, Psychological insight]

During his training with Kaito , while doing pushups he was able to count at the same time how much push-up each of them were doing while executing the exercises and counting. (Kaito 20 and Shuichi 50)
[WMI, PSI]

After their interaction with Ryoma , Kaito exclaims "Tch... How did 'the famous' Ryoma Hoshi end up like that!?"
Shuichi hearing the exclamation is able to extrapolate from what Kaito said 'the famous ' , which later he will use together with other info to deduce that Kaito knows who Ryoma was before both got into the killing game. [VCI, Deduction, Logical Reasoning, Memory].

In their last meeting while talking with Ryoma the latter states how he is capable of executing the "Shukuchi". The word shukuchi (縮地) is a Japanese-language term for various mythical techniques of rapid movement. The characters in the word can be rendered literally as "shrinking the earth," referring to how the technique reduces the spatial distance between two points to achieve its effect. In modern Japanese martial arts, shukuchi refers to a sudden movement into an enemy's maai (space) or blind spot to attack. This definition is relatively recent, and is, therefore, used somewhat differently by various schools. Shuichi seems to have a knowledge of it and consequently other martial arts terminologies related to it, probably the history behind it too stating how Ryoma should have been formidable back in his days.
[VCI, Cognition, Memory, Knowledge]

When Miu brings up the possibility of Himiko, Angie and Kirumi exchanging each other's video Shuichi immediately backs it down saying that in terms of probability it's very unlikely that the three of them will have exactly the other videos and basing on the analysis he made about them the three would unlikely show a motive video without recieving their own in return.
(Shuichi is able to quickly break down and analyse the situation through probabilistic and logical reasoning, also combining the psychoanalysis he made about the three with human psychology knowledge plus showing his understanding of human relationships, elaborating this induction right after the problem was posed); [CPI, FRI ,

Abstract reasoning, Logical reasoning, Inductive reasoning, Knowledge, Emotional understanding]

When analysing Ryoma monokumafile Shuichi noticed that the time of death wasn't written there, he is quickly able to deduce that it was intentional because he remembered that the monokuma explanation where he said that the file won't give any information that would expose the murder, so then Shuichi deduce that the time of death is an damming evidence for the culprit. [PSI, VCI, FRI, Abductive reasoning]

While analysing the Monokumafile Shuichi is also able to notice that the cause of death for Ryoma was drowning, sensing that it could be an unravel data for the case. [intuition]

While observing the window frame of the gym Shuichi observes and analyzes some marks on the window he is able to deduce that the culprit may have left it behind. [Observation , Abductive reasoning]

During the autopsy on Ryoma's body Shuichi exposed his psychoanalysis of the ultimate tennis player to Kaito. From a past interaction with Ryoma the latter told Shuichi that he was jealous of them how they all had the strength to fight for their life due to their attachments to it and he wanted to fight with them. From there Shuichi is able to tell that Ryoma didn't want to die but instead just like them fighting for something together. Here Shuichi is able to do a psychoanalys Ryoma through his past short interaction with him where the latter said about wanting to find a reason to live to be with them. But Shuichi was able to understand way more in depth Ryoma depression, going deep into his psychology how he wanted to feel what they feel. Through behavioural analysis figuring out his actual emotions. In short from their talk Shuichi noticed and individually separated the jealousy , willingness to change, internal conflict and much more emotions and phases of Ryoma's depression. Which would require even for a very capable psychologist in his work multiple sessions even just to understand how deep his depression actually was , and even then that would be a session completely dedicated to the analysis of the subject where the psychologist would apply multiple tactics and studies to understand. While Shuichi was able to analyse and empathise with Ryoma pain it through simple short interactions and behavioural analysis where Ryoma just barely brought his feelings on the surface it on some dialogues and that was interrupted which Shuichi got knocked out right after. [Emotion Understanding, Emotional Perception, Analysis, Cold Reading, Psychology].

When Angie brings out the fact that the piranhas used in the show seemed more than yesterday Shuichi sensed that it might be actually important for the case.
[Intuition]

During the observation of the death scene Shuichi was able to notice a window square and after analysing it deeply he deduced that the square must be something different from the other broken glass due to its perfect shaping which a broken glass could never have. [VSI, Observation, Abductive reasoning]

Shuichi is able to recall everyone who was and wasn't present during the insect meet and greet , also begin able to recall the raw time they got in and out,reducing the list of those who have an alibi to those who don't. [WMI, LMT]

During the analysis of the death scene Shuichi was able to notice a pair of handcuffs and recalls them begin around Ryoma wrists before he was eaten. Since they weren't from the warehouse he had to deduce where they could come from. Shuichi he theorizes that the handcuffs could come from Ryoma's lab because as already been said Shuichi remembers all the objects inside the warehouse, and he knows for sure that they cannot come from there; Furthermore, Shuichi already knows from chapter 1 that Monokuma applies a lot of psychological warfare on the students to get reactions from them, and considering how Ryoma was in prison after killing a gang and he himself feels trapped in what he did Shuichi could have theorised that Monokuma saw an opening to apply more mental attack. [Deductive reasoning, Emotional Understanding, Observation, Psychological Insight, Hot reading].

While observing the handcuffs Shuichi is able to tell that they are made of stainless steel, recognising that they wouldn't be hard to scratch. While observing the scratch he also abduct that they were scraped against something hard or sharp due to the type of steel (stainless so softer) and the scratch on it. [Abductive reasoning, Knowledge, Perception]

When Angie tells Shuichi that they went to the gym in the morning Shuichi immediately thinks that no one could have sneaked into the gym in the morning supporting the theory that the murderer happened during nighttime. [Inductive reasoning, intuition]

Shuichi induced that whoever killed Ryoma might have done it for the motive video he is willing to explain his theory, though he also took in consideration that he might become a suspect if Ryoma had his motive video (Shuichi is able to be able to figure a possible motive of the murderer as well as spotting an possible risk).
[inductive reasoning, risk taking, risk calculation]

While talking with Korekyio Shuichi makes up the hypothesis that the murderer may also have a secondary reason for why it happened, that begin that the killer knew about Himiko trick and used it to his advantage. Meaning the chance of the culprit begin directly involved into the show itself are pretty high. [Psychological Insight, Abductive reasoning]

Behind the staircase of the stage Shuichi is able to notice and puddle and deduce that it doesn't come from when the tank was broken because the boards of it were already pretty dried so it should have been something else. Due to this info he is able to theorise that someone was changing their clothes.
[Observation, Abductive reasoning]

While analysing the staircase Shuichi is able to notice that the position of the staircase was pretty symmetric with the stage and that the boards of it were pretty wet, so he abduct that the stairs are an important part of the trick
[Observation, Abductive reasoning]

Shuichi is able to recall that the tank came from Himiko lab and that there was another one there that he could observe.
[WMI, LTM]

Shuichi likely remembers all of the objects in all the labs after visiting them once since every time an lab object will come out Shuichi will recall where it comes from.
[LTM, STM, WMI]

Once he analysed the other tank Shuichi noticed the segment that opens on the high left of the tank and questioned its odd position, and came to the conclusion that it had to be there for a specific reason.
[Observation, Critical Thinking, Logical thinking, Intuition]

While interrogating Maki Shuichi questions the reason why she is always in her lab so he deduces that she is keeping herself there on guard to avoid people interacting with her lab. [Emotional Perception]

While inspecting the window of the gym Shuichi from the gym windows visualises the whole pool zone and notices an odd window on the other side, and deduces that it might be from Ryoma Lab, considering where is positioned. When he visits the lab itself Shuichi confirms his theory.
[VSI, Logical Reasoning, Inductive reasoning]

While observing the abrasion on the window in Ryoma's lab secret room he quickly notices how similar they are to those of the gym window frame. He is able to deduce that the window frame is turdy as the one of the gym, and that it could sustain much weight.
[WMI, FRI, inductive reasoning, perception, Observation, Knowledge]

While observing the marks on the sink he is able to tell that they are unnatural and that they were caused by steel.
[Observation, Inductive reasoning]

When Kaito fell off the tennis net on the ground Shuichi sensed that it might be something important for him. Also recalling the difference between when he first visited the Ultimate Tennis Lab was the position of the tennis let up but now it was down.
[WMI, Memory]

Shuichi senses that the tennis net and the string found on the stage are both important pieces of the case due to their odd positions.
[Intuition, Logical thinking]

When entering the pool zone he noticed that the way the pool was made seemed more close to a resort pool than a school pool. [Knowledge]

While looking at the pool Shuichi is able to tell that the pool isn't completely full but enough to swim in it. [Observation]

While observing the pool Shuichi is able to notice an inner tube made out of sturdy rubber in the middle of the pool [observation, knowledge]

When Kaito says that it isn't related to the case Shuichi doubts that due to the presence of a rope attached to the inner tube. [Intuition, insight]

In the pool Shuichi is able to notice a piece of fabric in the middle of the pool, due to its odd position he actually thinks it might be an important clue. [Insight]

Shuichi is able to trust his insight due to Kaede words giving Shuichi using them as motivation [Emotional Engagement, Motivation, Self management]

While reading the school pool rules Shuichi notice some important rules, one of those begin "No swimming in nighttime", when Monokuma confirms violating that rule comes up with an execution, and that no one could enter the gym at nighttime Shuichi is able

to deduce that no one could enter both rooms, limiting the possible movement of the murderer. [logical reasoning, Inductive reasoning]

During the observation of the pool zone Shuichi is able to notice an electric air pump and is able to deduce that it could fill an inner tube in a few seconds. [Knowledge]

When Kaito brings up the fact that the inner tube couldn't be important because the murderer didn't remove it Shuichi breaks it down saying that there wasn't any possible tool to utilise as pole, also due to the pool building and the level of water even if the culprit managed to bring it close he couldn't get it (due to the school rules about not entering the pool at nighttime). [FRI, Inductive Reasoning, Insight]

For the class trial Shuichi memories and elaborate the following proofs:

- Monokuma File 2

- Scratched Handcuffs

- Square Glass Pane

- Marked Window Frame

- Crammed Piranhas

- Piranha Tank

- Marked Window Frame

- Gonta's Account

- Wet Staircase

- Long Sturdy Rope

- Inner Tube in the Pool

- Black Piece of Fabric

- Maki Alone

- Witnessing Ryoma

- Scratched Sink

-Tennis Net Cable

- Kokichi's Account

- Alibis For Yesterday

- Water Tank Trick

- Pool Rules

Before the class trial started Shuichi was having a slight emotional breakdown, but he manages his emotions and convinces himself to calm down to find the truth in this class trial without averting his eyes to keep his promise of keeping everyone alive despite the obvious trauma from the first chapter, acknowledging that it's his duty as the ultimate detective to save everyone.
[EE,EM,ER, Self – Awareness, Self Management, Mental Fortitude, Stress Tolerance]

As the trial starts everyone is suspicious of Himiko. Shuichi states that this was as he expected, meaning he already foresaw this situation before the class trial basing on it from the circumstances of Ryoma's death.
[Prediction]

When the argument about Ryoma's death comes up, Kokichi states that the ultimate Tennis player was eaten alive. Shuichi refuted the statement saying that Ryoma was killed before entering the water. Doing so by recalling the Monokuma file. Then when questioned about when Ryoma died Shuichi proceeded to explain that he died before the show even started.

P1: Ryoma was in the tank for only few seconds.

P2: Ryoma made no attempt to escape the tank.
[Deductive reasoning]

Shuichi is able to spot Maki's statement where she states that there could have been an escape hatch. Recalling that during his investigation he found in Himiko lab he found a tank similar to the one of the show. Meaning that the one Himiko used on the stage likely had one too.

P1: Himiko used a tank to perform the magic trick.

P2: In the ultimate magician lab there was a tank similar to the one Himiko used on stage.
[FRI, WMI, Inductive Reasoning, Analytical thinking, Convergent thinking]

When Tenko tries to refute Shuichi reasoning, he is effectively able to comprehend and counter the argument. Formulating a persuasive and effective answer.
[VCI, Composure]

Tenko's attack was based on the fact that if Himiko left the tank from the patch there would be water everywhere. But Shuichi is able to make a counter argument explaining that the reason why there wasn't water everywhere was because the staircase that was attached to the water tank was empty, and that Himiko used that to escape, she used an escape hatch that faced away from the viewers, which would also lead the water not drain from the staircase.

P1: The stairs were attached to the exact same position where the escape hatch was.

P2: There was a curtain covering the tank during the performance , which prevented the viewers from seeing what was happening.

P3: Behind the stage there was a puddle around the stairs.
[Deductive reasoning, Connecting the dots]

Shuichi then explains that Himiko likely changed her uniform before returning on stage, by using her uniform in the water which is all the same to one another.
[Inductive reasoning]

Shuichi explains how Ryoma's body wasn't in the staircase using Gonta account.

P1: There wasn't enough room for both of them in the staircase.

P2: Gonta saw no one before the timer finished.

C : If Himiko wasn't in the tank it means she already was in the staircase, and since the tank was empty it meant that Ryoma wasn't in the tank or the stairs before the murder happened.
If Himiko was the culprit she wouldn't have wasted time by squeezing in the staircase because no one should have seen the insides of the tank in the first place.

Shuichi picks up on Kiyo statement, explaining how Ryoma's body was separated from the piranhas inside the tank by using a glass pane to divide the tank in two parts. When Kirumi argues that it's impossible to hide the body into the glass tank because the bottom of it would be visible to everyone Shuichi promptly debunks it, explaining that the piranhas would have hidden the body view. And proves it by recalling Angie's account.

P1: The glass panel would have divided the tank nearly in half.

P2: The piranhas would have been crowded together making it look like there were more of them.

P3: The dense crowd of piranhas would make it hard to see through the tank.
[Inductive reasoning, Abductive reasoning, Convergent thinking, Analytical thinking, Critical thinking]

After coming to the conclusion that the murderer happened before nighttime Shuichi tries to narrow the time of death a little more recalling that Kirumi collected all the people that saw Ryoma before their death. The one that supposedly saw Ryoma for last was Gonta who tried to invite him to the insect meet and greet around 8:00 pm.
[WMI, Info gathering, Inductive reasoning]

Shuichi hears out the K1b0 statement where he asks Kirumi if she sure did not stay in the gym. Recalling Kokichi account from the previous night, where he met Kirumi around 9 pm and stayed with her till 10 pm. Meaning that Kirumi would have been in the gym alone for only 5 minutes which isn't enough time to kill Ryoma and set him up in the magic trick.
[PSI, WMI, Short term memory , Long term memory, Cognition, Sensory, Perception, Inductive Reasoning, Multitasking, Mental fortitude, Stress management]

When Kokichi states that between Miu, Maki and Kaito one of them an alibi Shuichi was able to understand that it was Miu.

P1: The night before Kokichi stated that he saw a half naked figure in woman underwear walking in the shadow while returning to the Insect lab.

P2: In Gonta and Miu account Gonta states that he tried to approach Miu when she used her secret woman weapon.

P3: in her part of the account Miu states that she used her woman secret weapon to avoid getting captured by Gonta.

[Inductive reasoning, Convergent, Logical thinking , Analytical thinking]

Shuichi is able to recall and update the account he memorised, by modifying the already known information with new ones.
[WMI, Cognition, Memory, Long term memory, Short term memory]

Shuichi realises that till proven guilty he wants to trust Kaito because of the friendship that grew up between them. So he will help him. (Emotional Engagement)
[Emotional Realisation, Self Awareness]

When Kokichi states that they are too afraid to point the fingers and to expose a liar confess Is needed to corner them psychologically, till they reveal their true face. At first Shuichi reacts somewhat pressured by this statement, but toward the end of the chapter Shuichi does exactly this to make the culprit break down, meaning that later in the trial he will actually learn to use this method.
[Learning ability, Abstract Reasoning]

Shuichi comprehends the trial ideology but also Kaito's illogical reasoning, recalling that it's only thanks to Kaito's absurdity that he saved himself from loneliness. Understanding that was also the feeling that made him believe in Kaede. Trusting Kaito emotions Shuichi gives his all to prove Maki innocence.
[EE, EM , ER, Psychological Insight, Self awareness, Abstract Reasoning]

When Maki reveals that she met Ryoma after midnight because he asked her for his motive video, it comes down to who told Ryoma that Maki had his motive video. Shuichi then deduces that it was Kokichi the one to tell Ryoma.

P1: The person that told Ryoma about who had his monokubs was someone who knew who had each pad.

P2: The night before Kokichi told everyone that he personally took the motive video and watched them.
[Inductive Reasoning]

Shuichi keeps pressing Kokichi into telling the truth forcing him to confess, because if he really told Ryoma then it would be more likely that he visited Maki later.
[Inductive reasoning, Perseverance, Tactics]

When Maki and Kaito are begin pressured by Kirumi Shuichi intervenes by fabricating a story to protect them. Trusting Maki's statement about meeting Ryoma after nighttime, Shuichi uses the training session he and Kaito perform every night, modifying a bit what happened stating that they started after nighttime because of the meet and greet and while performing exercises on the stairs of the country yard when they heard Maki talking with someone, adding that they didn't recognise the other voice with Maki at first but thinking about it know it was likely Ryoma
He speaks fast and confidently giving Kaito the time to perceive what he was doing, also stating that there was no need to bring it up before because he wasn't sure who Maki was talking with, protecting both Maki and Kaito.

Everyone will believe Shuichi lies because from their perspective he has no reason to deceive them and Shuichi knows that by concluding his persuasion with "That's right, you can believe me."

Using the nighttime workout with Kaito as the base for his lie was genuinely a great move because:

1) The train between Kaito and Shuichi is an event everyone knows can happen and that it would be logical for them starting later after the event of the meet and greet.

2) By using this as a base Shuichi could have indirectly communicated to Kaito (the only person who knows what actually happened) making him understand that he trusts him and is helping him.

3) Shuichi knows that if he lies and plays it cool everyone will believe him because he knows everyone sees him as the beacon of the truth. And knows that if it seems believable everyone will trust him (Prediction).

4) Stating to have casually heard Maki voice but not going in depth but then considering it is completely believable and realistic. Especially if we analyse the

position of Maki and Ryoma corresponding to Shuichi and Kaito, since looking at the map is pretty clear that by training at the end of the staircase where it's possible to see the window right next to the entrance of Maki lab on the first floor . And by assuming Ryoma would have reached Maki from the hallway it is plausible to hear casually and clearly the person next to the window while barely hearing the character a bit away from the window in the silence of the midnight (especially considering the voice tone of both Ryoma and Maki).

5) By stating multiple times that at midnight everyone except him, Maki, Kaito and Ryoma where in their room sleeping a no one ever adding something to prove the contrary Shuichi likely induced that he was correct and pushed further, by pointing out that any other of the present student didn't talk to Maki after midnight, so by exclusion it should have been Ryoma.

To perform this feat there is another thing to point out , Inducing the position of all the other students to make sure the success of his strategy, which Shuichi indirectly points out by stating that no one talked with Maki last night after Ryoma.

Shuichi utilises the idea his friends have of him as a way to convince them into trusting him.

Also the sole act of lying is something completely unpredictable from Shuichi, not only that but following a pattern of actions that no one could track on. And of course an extremely difficult manoeuvre to take considering all the pressure and risk of lying in a class trial in such a sensitive moment.

Shuichi chose the stairs in the country yard cause they are near Maki lab and it would be believable that they heard clearly the them from there, not clearly enough to recognize the second voice.

Always by considering that Shuichi formulated the moment Tenko finished to make her statement, by using the game timer as reference Shuichi had a time of 1,5 seconds to formulate the baseline of his lie.
[VCI,PSI,WMI, Memory, Cognition, Divergent thinking, Abstract thinking, Creative thinking, Inductive reasoning, Emotional Facilitation, Emotional Management, Stress Tolerance, Misdirection, Fabrication , Sophistry , Acting Skill , Distortion ,Verbal deception , Communication, Leadership, Charisma , Aura, Decision making, Trap Evasion, Setting traps, Improvising, Unpredictability, Decision Making, Prediction, Anticipation, Preclusions, Tactical Management, Tactical ability, Risk Calculation]

When Kirumi tries to attack Maki testimony Tenko counters her , reminding her about Shuichi's testimony. Seeing it in retrospect Kirumi tried to trap Maki many times, accusing her testimony, but Shuichi lies always avoided it.
[Trap evasion, Preclusions]

When Kokichi states that the tank was too far from the gym entrance to place the body in it Shuichi makes a counter argument, stating that it was possible to use the window above the stage.
[Inductive reasoning]

When Angie brings up the possibility of the culprit using the ladder Shuichi refute it explaining that the ladder wouldn't have reached the window if it was on the pool side.

P1: The ladder height alone isn't enough to reach the window.

P2: The reason why the ladder was capable of reaching the window on the gym side was because it was on stage.

P3: on the pool side there isn't anything as tall as the stage to support the ladder.

P4: The next morning the ladder was found in the gym area
[Inductive reasoning, Memory, Logical reasoning, Logical thinking, Analytical thinking, Convergent thinking, Divergent thinking]

When Shuichi understands that one of the people in the room didn't want them to find the truth he changed his approach to the situation.
[Adaptability, Learning ability, Versatility]

When Himiko brings up that only the pool could have been used to drown Ryoma Shuichi debunks it, recalling the pool rules that states that no one is allowed to swim at nighttime, so no living person could have been drowned there in that arc of time.
[Inductive reasoning]

When Gonta asked if there was another place to drown someone Shuichi recalls the sink in Ryoma's lab, that he found while investigating.
[Cognition]

Shuichi explains how there were scratches on the sink, then adding that those scratches likely were from the handcuffs that Ryoma was wearing in the tank.

P1: Over the sink Shuichi was capable of observing multiple mini-scratches .

P2: there were small scratches over the hand cuff Ryoma was attached to.

P3: In Ryoma's lab there were also some handcuffs.

Shuichi ultimates his reasoning process by pointing out that he noticed that the scratches on the sink and on the handcuffs matched each other in size and shape.
[Inductive reasoning, Observation, Cognition]

Shuichi is able to deduce that Ryoma's body was moved from his lab (who was on the 3rd) to the gym (that was on the 1st floor) through the pool area by using the windows that faced over the pool from each side.
[Deductive reasoning, Divergent thinking]

Shuichi deduces that the body was moved directly from window to window with the use of a rope that connected the two windows.

During investigation Kiyo stated that the rope was about 65 feet long.
The pool length was at 60 feet. And the pool was the only thing between the lab window and the gym windows.

Then the culprit tied the tennis net in Ryoma's lab (which is around 50 feet) with the rope to make out for the height difference between the two windows.

In short the culprit hung a rope outside of one window then moved to the other side and tied the capable to the other window, then after tying it to each window the culprit tied rope and cable together. Making a rope that reached both windows.
[Deductive reasoning, Analytical reasoning, Convergent thinking, Logical thinking, Analytical thinking, Critical thinking,]

When Tenko states that the culprit could have a second piece of equipment Shuichi picks it up (intuition). When Kokichi hints that the culprit placed the body in the tank with their two hands Shuichi caught up that too.
Shuichi already knows that Kokichi is right, they already established that the culprit must have personally placed the body In the tank and that throwing it was unlikely to succeed, so to avoid any risk the culprit should have placed the body personally getting as close as possible to the window.
[Intuition, Inductive reasoning]

While trying to find an answer to his question Shuichi visualises the pool zone in his mind. The place is the exact copy of the pool zone down to every detail with the ad of the rope that connects the two windows, later it also shows that Shuichi can manipulate that visualisation by adding the inner tube on the ropeway.
Shuichi is able to perfectly replicate the whole structure and by considering the size of the zone himself it should be considered above at least any 2D visualisation.
[WMI, VSI, Memory, STM, Memory]

Hearing Kaito's encouragement Shuichi is able to find motivation in himself to close the argument.
[EE, EM]

Shuichi deduces that the culprit used a ropeway to move between the two windows with the body, using as a vessel the inner tube that was floating in the pool with a rope on one side.
The culprit made a ropeway by hanging the tube from the rope connecting to the windows. And because the 3rd floor window was higher up, gravity would have pushed the inner tube along. Due to the sturdy rubber the inner tube was made off it could have subsided two people. The culprit constructed a ropeway with the ropes and the inner tube and used it to move themselves and Ryoma's body from the lab to the gym window. Once on the gym window the culprit stood in the inner tube to move the body or they placed their foot to have a more substantial position, leaving the scratches on the window.
Shuichi then comes to the conclusion that the culprit accidentally left the inner tube on the pool and due to the rules couldn't retrieve it. And due to the low level of the water it was impossible to catch it without entering the pool.
[WMI, VSI, FRI, Knowledge Application , General Knowledge , Memory, Critical Thinking, Systematic Thinking , Analogical Thinking
Associative Thinking, Holistic Thinking
Decompositional Thinking,
Convergent Thinking , Inductive Reasoning, Abductive reasoning, Deductive reasoning]

Shuichi is able to profile the culprit by this premise:

- Due to how the culprit set up the murder they had to be someone really close to the preparation of Himiko show and knowing the surface of it in depth.

- The culprit needed to be someone that had a minimal time span to set up the murderer not necessarily to commit the murder itself.

He states that he is sure Kirumi Tojo the ultimate maid is the culprit. [Hot reading, Psychological Profiling, Inductive Reasoning]

By revealing his suspicion on Kirumi Shuichi moves a lot of pressure and suspicions over her forcing the maid into a debate. (We can interfere that Shuichi purposely revealed the Kirumi suspicions to force her into a debate based on how differently he states his suspicions. When thinking about who the culprit could be Shuichi states that he has a clear idea on who the culprit is, also adding that he probably as already deduced the fabric piece, while when announcing his suspicions he does it as to imply that Kirumi is only a suspect).
[Tactics, Indirect Manipulation]

Kirumi tries to intimidate Shuichi, saying that she won't let him make the wrong decision and questions him on how secure he is about his choice. But Shuichi doesn't seem affected by this.
[Resistance, EM]

When Kirumi states that anyone could have committed the murder Shuichi refuted it. Shuichi then explains how only Kirumi could have made the preparation in the gym. Before the culprit could have done the murderer there would have been needed all a lot of preparation, like the rope on the gym window and putting a partition in the piranha tank, Ryoma body entered from the gym window but that would require preparation. Only Kirumi was by herself in the gym before nighttime, the five minutes she was in it wasn't enough for the whole murder but enough for setting it up. Enough time to tie the rope to the window frame and put the pane in the piranha tank. When Kirumi tries to argue back saying that five minutes was possible enough time but all based on a guess, stating that the crux of the argument is wrong. Shuichi is able to manage these words and ask Kirumi what is the fallacious crux. She then states that with the rope it is possible to connect the two windows but there isn't any evidence to support it. Once again Shuichi manages Kirumi and refutes her argument, showing Kirumi the abrasion left on the window frame of the lab. He explains that just putting the rope wouldn't cause so much damage, but the rope that was tied to frames must have been weighed down significantly , not breaking the frame but leaving marks.

Shuichi then explains that when he deduced the ropeway was used to move the body he found the final clue. Shuichi recalls the piece of fabric he found inside the pool, despite considering it just trash Shuichi couldn't dismiss it. By using the ropeway the culprit could slide the inner tube from lab to the gym , the culprit had to control the slide because if he didn't the momentum would have thrown the body off. To prevent it from happening the culprit needed to adjust their speed by using their hand for friction, but if the culprit were slowing their descent by grabbing the rope with their hands the friction they were created would have caused the rope to burn. Shuichi then explains

how the culprit wasn't barehanded they weared a glove that got burn with the friction and torn falling into the pool (this movement was actually smart from the culprit perspective because In the school the only materials can be recovered from the warehouse, but it doesn't gloves of any type, and even if it did the risk from taking it from there would have been too high). Shuichi then challenges Kirumi to confront the piece of fabric in the pool with the extra clothes in her dormitories (which are all made of the same material as the original uniforms) and compare them.
[VCI, PSI, WMI, FRI, Deductive reasoning, Problem solving, connecting the dots, Pattern recognition, Convergent thinking, Divergent thinking, Holistic thinking, Analytical thinking, Decompositional thinking, Perseverance, Tactics, Psychological warfare, Intimidation,]

Shuichi's arguments and pressure on Kirumi led to her losing composure and revealing that she was doing it for "them".
[Psychological warfare, Tactics, Guiltily tripping]

When Kirumi states that she is doing this for everyone getting into an angry emotional state Shuichi perceives sincerity in her words. Even when Kirumi states that she was referring to all the students we can assume Shuichi already had something else in mind. After the trial Shuichi will explain that Kirumi was agonising through the whole trial, explaining how Kirumi even got as far as making everyone believe that she didn't care about everyone when she was actually trying to stop this killing game by winning and returning to the people dear to her. Shuichi will also point out that when watching her motive video Kirumi probably felt the murderous intent of killing to discover the state of the actual state of the people dear to her . And this was the reason why she opposed showing everyone the motive video , because she wanted everyone to avoid having the same murderous intent as her and creating pure chaos.
[EP, EU, Analysis, Psychological insight]

After briefly losing composure Kirumi gets back with her acting which leads to her regain points and making some students believe her again . She then tries to use guiltily tripping on Shuichi by making him remember the promises she made to Kaede to protect everyone and using that as a shield, accusing Shuichi of getting everyone else killed and failing Kaede and the promises he made to her. But despite Kirumi trying to abuse his trauma Shuichi doesn't step back but instead recalls the promise he made to escape with everyone and uses that as motivation to get through the class trial. And when closing the case Shuichi shows complete confidence.
[EE, EM ER, Self awareness, Mental fortitude, perseverance, resistance]

When Himiko, Tenko and Gonta down on accusing Kirumi due to her deception Shuichi doesn't seem to be affected.

Shuichi understands the fear of his friends , that they have to accuse one of them to be a murder. And realise that it's up to him to do it and prove Kirumi guilty. When she questions him about wanting to protect everyone Shuichi once again refutes, stating that he is doing it to protect everyone.
[EP, EU, EE, ER, Social awareness, Decision Making, Leadership]

Shuichi then explains that when he deduced the ropeway was used to move the body he found the final clue. Shuichi recalls the piece of fabric he found inside the pool, despite considering it just trash Shuichi couldn't dismiss it. By using the ropeway the culprit could slide the inner tube from the lab to the gym , the culprit had to control the slide because if he didn't the momentum would have thrown the body off. To prevent it from happening the culprit needed to adjust their speed by using their hand for friction, but if the culprit were slowing their descent by grabbing the rope with their hands the friction they were created would have caused the rope to burn. Shuichi then explains how the culprit wasn't barehanded they weared a glove that got burn with the friction and torn falling into the pool (this movement was actually smart from the culprit perspective because In the school the only materials can be recovered from the warehouse, but it doesn't gloves of any type, and even if it did the risk from taking it from there would have been too high). Shuichi then challenges Kirumi to confront the piece of fabric in the pool with the extra clothes in her dormitories (which are all made of the same material as the original uniforms) and compare them.
[Deductive reasoning, memory, knowledge, Decompositional thinking, Convergent Thinking, Divergent thinking, Holistic thinking, tactics, psychological warfare]

Once again Shuichi realises that he is just as afraid as anyone else to reveal the truth, because it means someone has to be sacrificed. But he also remembers and empathise with Kaede, how she didn't let the fear stop her. He thinks how he faced the truth, doubted it and kept going. And he won't turn away from where it brought him.
[EE, EM, ER , EU, Decision Making]

Shuichi then proceeds to recall all the events of the murder and connect them to each other coming to a final.
[WMI,STM, LTM, Memory, Deductive reasoning]

Chapter 3 investigation+Trial:

When Maki brings up how stupid the seance is Shuichi responds saying that for them it must be a part of the investigation too, and that they should participate too. Despite Shuichi clearly not believing the seance he still empathizes with his friends and their loss .

[Emotional Understanding, Empathy, Psychological Insight]

Shuichi states and motivates himself stating that he has to do it because he IS the ultimate detective.
[Social Awareness, Emotional Engagement]

When taking parts of the seance Kiyo asks Shuichi to memorize the Caged child song, first the lyrics and then the melody. A lot of people try to downgrade the feat saying that everyone memorizes the song when it's implied that everyone had their time to memorize it during their preparations (they did it while Shuichi was doing investigations) while Shuichi did it pretty casually after one try which everyone seems impressed from it.
Shuichi read the lyrics and heard the melody right after , synchronized the two manipulating both info and then sang it later (roughly around 400 words manipulated).

Later during the trial Shuichi will still be able to recall the song and event that happens between it.
[STM, WMI, LTM]

Memorising a song requires comprehension and understanding of the lyrics.
[VCI]

The unpredictability of Tenko's death brings everyone to fall apart, Shuichi realises that he has to keep it up together because he is the ultimate detective and it's the only one that can do it.
[Emotional Engagement, Emotional Realisation, Motivation, Mental fortitude, Self awareness, Stress management, Social awareness, Self management]

Angie's death
When Tsugumi states that Rantaro was the one getting resurrected Shuichi refuted hearing Gonta, who stated that the ritual worked.
Shuichi counters it , explaining how Angie ritual did not succeed. According to the Necronomicon you should burn the book through the ritual and sparge the ashes, Shuichi recalls all the steps of the ritual after reading it once (WMI, memory). If Angie ritual succeeded the book would have been gone, so she was killed before the ritual was completed.

When Miu states that Kiyo broke down the door and entered the Angie lab Shuichi recalled Tsugumi account.
Before locking herself up Angie said that she wouldn't open the door to anyone except the student council members (which Kiyo wasn't).

Continuing Shuichi refutes Kokichi's statement, where he states that there was no other way to enter Angie's lab outside the student council member. The ultimate detective then explains how Kokichi could have committed the murder with his lock picking ability.

When Kokichi "admits" that he killed Angie everyone is doubting and doesn't know whether he is lying or not, except Shuichi that states that he is certain that Kokichi is lying. Perceiving The ultimate leader deceit Shuichi ask to Kokichi how he locked the room after leaving , explaining that the culprit used a different method than lockpicking to leave the room.
The culprit left the room by the back door and locked it while leaving by using the gold leaf katana. The culprit used the hilt of the katana to hit the knob of the sliding to lock the door, the gold leaf on the knob was there from when the katana hit the lock, due to the hilt peeling off easily.

Shuichi proceeded to explain how by observing the layout of the area is it possible to understand the trick the culprit used. The set up was pretty odd itself, the katana in kaede effigy and then begin upside down, when in the Necronomicon itself didn't imply anything about turning the hang the effigy.
P1: The sword was impaled and the effigy placed in an odd position that wasn't part of the ritual.

P2: There was a trace of gold leaf over the sliding lock knob.

P3: The lock was loose and easily movable.

C:The culprit spun the effigy so that the rope it was hanging from twist then by letting go the rope unwind the effigy spun the other way , spinning the katana with it and using it as counterspin to push the sliding locker into place and swifty leave.
[Inductive reasoning, Abductive reasoning, Holistic Thinking, Convergent Thinking, Divergent Thinking]

When there is an abrupt change of topic between the cases, moving from Angie death (main case) to Tenko death (Less meaningful), Shuichi is able to see the switch could have been intentional.
[Insight, Resistance]

Shuichi is able to recall all the people who took part of seance without problems. (Him , Himiko , Kiyo and Kokichi)
[Memory]

When Miu states that there were plenty of secondary entries from outside< Shuichi is able to understand and recall under the floor: where there was a crawlspace a person could move through and also a hole near the wall in the corner of the room.
[WMI, Memory]

Before explaining his reasoning process Shuichi ask Maki to trust him , and that she can blame him all she wants if he is wrong , but that she needs to trust his detective work.
[Decision making, Charisma]

Shuichi is ready to put his life and those of his friends on the line in such a delicate moment if it means giving him a chance to solve to prove the truth.
[Emotional Engagement, Emotional Management]

Shuichi understands that everyone is aiming for the easiest and most acceptable choice instead of searching for more, empathising with them refusing the idea of a killer.
[Emotional Understanding, Empathy, Psychological Insight]

Understanding that the trial is begin manipulated, when Kiyo states that with her last strength Tenko could have thrown the sickle below the floor Shuichi refute and lies, stating that Tenko died instantly after begin stabbed.
Stating that during his investigation and autospy he determined instantly (the only people that know this isn't the case are Shuichi and Maki). Shuichi could take this This initiative where he was able to exclude that the culprit could have seen when Tenko died because of the cloth that covered the cage.
[PSI, Fabrication, Bluffing, Sophistry, Tactics, Risk calculation, Field Skills]

Shuichi knows Maki knows the truth , and by lying he probably wants to show Maki that he is sure that Tenko didn't kill herself. Probably predicting that she will cooperate with him, since Shuichi knows that she knows his ideologies and he is aiming for the truth.
[Persuasion, Predictions, Inductive reasoning, Field Navigation]

Maki is effectively persuaded by Shuichi's determination, which leads to her lying about Tenko's death and confirming Shuichi story (and since she is the ultimate assassin it makes her autospy is much more believable) , which leads to Kokichi agreeing with Maki, making Shuichi reasoning much more believable.
[Indirect manipulation]

When Keebo asks if something out of the ordinary happens during another scramble debate , Himiko states that she heard something falling and Shuichi picks up on that statement and quickly formulates a reasoning process. Recalling the whole situation when everyone was singing, and the strange sound happened and in what specific moment in the lyrics of the song happened.
[WMI, Memory]

When Kokichi states that the sound that they hear could have been something hitting the floorboards, Shuichi picks up on it coming with the idea that it might be connected with other things that happened during the seance. At some point during that seance the floorboard below Tenko moved, when Shuichi picks up on Kokichi statement about "Someone must have stomped through the floor boards." He recalls that during the investigation one of the crosspiece supporting floorboards below Tenko were cut off , and by examining them he concluded that the culprit did it deliberately.
[Observation, Memory, Sensory]

When Kiyo tries to manipulate everyone into thinking Himiko is the culprit since she was the one that chose the room and that to create the seesaw system it would have needed a bunch of prep time , thus making her appear as the only possible culprit. His Shuichi doubts Himiko is really the culprit, in his mind Shuichi has already understood Himiko and Tenko and can't see how something like that could happen. Shuichi can't even picture Himiko killing Tenko in such a cruel way.
When Himiko gives in to depression due to the loss of the two most important people in her and the accusations from her classmates Shuichi empathizes with her by understanding her situation and recalling his emotional state when Kaede died. Showing great comprehension of the depression and cause of it.
[Emotional Perception, Psychology, Psychological insight]

When Shuichi still sees Himiko crumbling he makes her recall Tenko's last words where she asks her to face troughly the future and survive with everyone else. Shuichi emphasizes a lot in a specific sentence "Live Life facing forward." Speaking kindly and gently to her making heavy use of Tenko's memory. Then switching up to a more serious tone stating "If you give up on living… you'd be betraying her memory. We are all trying to keep our promise to the dead." Explaining to Himiko how they to have keep fighting for the dead as their responsibility Shuichi manipulates and manages Himiko into facing her responsibilities and giving her courage to fight on by using the memory of Tenko last words, changing Himiko perspective completely.
(Shuichi is able to understand and empathise with Himiko emotions through similar traumas and analyse her [Analysis, Behaviour Analysis]).

[Emotional Perception, Emotional Understanding, Emotional Facilitation, Psychology, Psychological Insight, Direct manipulation, Emotional manipulation, Guilty tripping, Tactics, Analysis]

Tenko's death
When Kiyo tries to trap Keebo by stating that he could have used his flashlight function to see beneath and crawl on the floor to kill Angie Shuichi refute. Stating that the culprit couldn't have used a light under the floor due to the hole in the corner of the room, in a pitch black place like that room it would have been impossible to not notice from the hole.

P1: There was a hole in the corner of the room floor that was directly connected to the floor beneath.

P2: During the seance the room was pinch dark, impossible to move around without the use of a light.

P3: To move around the pitch black under the floor K1b0 should have used a light.

P4: K1b0 flashlight is very bright and powerful even in very bright places .

C1: Kebo couldn't have used his incorporated flashlight to move under the floor during the seance, because otherwise they would have seen the light of it coming from the hole in the corner of the room.

Kiyo manipualtes Miu theorising that Tenko didn't die before the seance with Gonta supporting it by saying that Tenko could have died when the cage was lifted. Shuichi refute Gonta statement saying that it wasn't possible for Tenko to die the moment the cage was lifted, because the inside other sheet had Tenko blood in it which was removed before the cage was lifted , if Tenko was stabbed there in that moment there wouldn't be blood on the cloth.

When Miu tries to debunk Shuichi's argument on Tenko dying during the seance saying that with the sickle the culprit could have stabbed her through the cage holes, since Miu assumed Tenko was sitting inside the cage. Shuichi refuted making a counter argument:

P5: Tenko was bent over with her body on the floor for the ritual.

P6: The cage top was taller than Tenko's body when she was bent over inside of it.

P7: The sickle blade wasn't long enough to make up for the distance gap.

C2: Tenko was bent over with her forehead against the marking stone and due to the cage size the blade couldn't have reached her from that position.

When Maki brings up the possibility of Tenko committed suicide Kokichi supported it , but Shuichi decided to believe in Tenko and that she didn't kill herself.

Then Shuichi provides that Tenko didn't commit suicide by bringing her last word "See you guys after!" where he doesn't think Tenko had a last moment change of heart, and that they shouldn't appeal to the suicide just because they can't explain how she died and instead searching for the truth.

Shuichi interfered with Tenko's intentions that he perceived into the sequence of events to notice the inconsistency of the theory.

Shortly after Shuichi progress into his reasoning:

P9: Tenko was bent over the loosen floorboard.

P10: The crosspiece at the end of the floorboard was cut off.

P11: The other two crosspieces weren't cut.

P12: The two crosspieces were inside the cage.

C3: Tenko's body was at one end of the loose floorboard while the crosspiece that had been cut wad on the other end of the floorboard, the unsupported part was outside the cage so It could have been stomped on, and since only one of the crosspieces was cut the other one was intact. One crosspiece was under Tenko while the other in the center, right at the edge of the cage. In that way the culprit created a seesaw system. The crosspiece at one end of the floorboard was cut off the other two that were holding up the board were close to the cage, so by applying force to the end of the floorboard with no crosspiece the next ones would have acted as fulcrum to turn the floorboard into a lever, capable of lifting Tenko's entire body.

When Gonta states that maybe all rooms were the same Shuichi agrees recalling Kokichi account, where he stated that he checked the other empty room next to the crime scene and stepped and tripped on a loose floorboard, meaning the culprit prepared it in all three rooms.

P13: Shuichi recalls Kokichi stating that he stepped on a loose floorboard.

P14: The floorboard of the first room was also loose.

C4: The culprit likely modified the floorboard of all three empty rooms.

When Kokichi asks how is it possible that no one could have accidentally stepped on the loose floorboard during the seance Shuichi recalls the magic circle at the crime scene made by Kiyo. Korekiyo made a magic circle of salt and asked everyone to not step on it to avoid the seance failing, and the floorboard in question was within the circle the circle center, that's why no one stepped on it.

P15: For the seesaw to happen the loose floorboard shouldn't have been discovered before the murder happened.

P16: Kiyo asked people to stay away from the salt circle .

P17: the position of the salt circle area covered the loose floorboard.

C5: Kiyo used the salt circle to keep everyone away from steeping on the loose floorboard

After it Shuichi comes to the conclusion that Kiyo is the culprit and that he killed Tenko since he was the one to prepare the scene and the only one who could have set the traps for the murderer.

P19: To execute and set the murder trick the culprit should have prepared the seance.

P18: Kiyo proposed and organised the seance.

C6: Kiyo made the seesaw trick and killed Tenko.

Shuichi is able to figure out how

P19: Kiyo prepared and orchestrated the seesaw trick.

P20: A scythe with blood was found under the floor.

21: To kill Tenko with the schyte the culprit should have stomped on the loose floorboard to cause the trick during the seance.

P22: The schyte should have been positioned between the cage and the cloth below the dog statue to maintain the tool still and covered.

P23: To place the schyte there and recover it the culprit should have been the one to manoeuvre with the cloth.

P24: Kiyo was the one who placed the cloth at the start of the seance and at the end of it.

P25: To stomp on the floorboard during the seance the culprit should have moved into the dark.

P26: To move during the pitch dark the culprit could have followed the texture of the salt.

P28: Through Kibo photos Shuichi could see that Kiyo modified the angle of the circle to reach those of the room.

P29: At the corner of the room there was a hole in the floor that could have been used to hide the murder weapon.

C7: Kiyo killed Tenko during the seance by using the loose floorboard as seesaw lifting her body and getting stabbed through the neck by the schyte Kiyo set when he placed the cloth during the seance preparative. Kiyo then retrieved it when he pulled the cloth off at the end of the seance.
Then while everyone was distracted by Tenko's death he slipped the schyte under the floor. Kiyo used the magic circle of salt to keep everyone away from the loose floorboard. To execute the murder he should have organised variables like the position of Tenko's body and the placement of the cage. Which were defined by using the magic circle, meaning the circle itself was the most important tool for the murder. Meaning whoever drew the magic circle was the culprit, in this case Korekiyo Shinguji. Kiyo moved through the total darkness of the seance by touching the magic circle drawn with salt. Using the salt texture to move through the dark. Differently from the one on Kiyo document the circle at the scene had to line stretched to the room's corners meaning he could have reached the floorboard from any angle of the room. Before the seance Kiyo put a white cloth over the cage in that span of time Korekiyo could have placed the sickle and retrieved it when he removed the cloth after the trial and while everyone was distracted he dropped it under the floor.

Despite Kiyo literally switching up to two personalities and giving off creepy information Shuichi is unfazed and more focused on Korekiyo argument. And immediately point out that there actually is one evidence for Kiyo that could bebaccredited as the culprit, since the weapon to knock Angie unconscious is the floorboard used for the seesaw trick. Shuichi noticed dried blood on the underside of the floorboard used for the seesaw trick meaning that the culprit used it to hit Angie unconscious. To support it Shuichi also recalls the dried bloodstains under the floor, for them to be there the floorboard must not have been in place at the time of the attack. And since Kiyo was already pointed out as the culprit behind the seesaw trick and the weapon to knock Angie is the same for the trick it means the culprit knew about the seesaw, ergo Tenko and Angie were killed by the same person.

P30: To use the floorboard to knock Angie unconscious the culprit should know that the floorboard could have been removed.

P31: The person who knocked and later killed Angie also prepared the seesaw.

C8: Angie and Tenko were killed by the same person.

P32: Angie and Tenko were killed by the same person.

P33: Kiyo admitted to having killed Tenko.

C9: Kiyo killed both Angie and Tenko.
[PSI,WMI, FRI, VCI, Inductive reasoning, Verbal reasoning , Convergent thinking, Divergent thinking, Sensorial Perception, Psychoanalysis, Risk Taking, Unconventionality, Leadership, Hot Reading, Holistic Thinking , Abstract Thinking, Critical Thinking]

After deciding that Kiyo was the murder Shuichi immediately talked to him, stating “Kiyo...was it you?" and when Korekiyo tries to act with nonchalance Shuichi immediately switches more serious and cold stating "I'm talking about Tenko's murder." Shuichi switches tone to pressure Kiyo.
[Tactics]

Shuichi here firstly solved how Angie was killed and how the culprit hid his trace and left by closing both doors from the inside , then moved to Tenko's death and solved it .

After solving it Shuichi moved back to Angie's death solving the rest of it by recalling the clues found on Tenko's case and recalling and updating those of Angie's one. Meaning Shuichi recalled both cases, manipulated the info he already had and solved Angie's death. After it he once again recalled all the events from both cases manipulating that information and making it into one big explanation , making up the holes of Angie's case with the information from Tenko's one.
[STM,WMI,FRI, LTM]

Shuichi then proceeds to recall all the events of both murders. Engaging his emotions to make Kiyo confess.
[WMI, Emotional Engagement]

When Kiyo explains that he killed only girls worth of begin his sister friends Shuichi understands his trick during the seance, where he stated it would have worked best with a girl , he said so because he wanted to kill a girl.
[VCI, Inductive reasoning]

During his conversation with Kiyo Shuichi was able to notice Kaito expression changing and him getting more pale, and Shuichi is able to tell it’s different other time Kaito went pale.
[Emotional Perception, Observation]

When Kokichi states “Man! If people were watching this, they would get a kick out of it.!” Shuichi picks up the sentence “If people were watching this.”
[VCI]

After Kiyo execution when everyone realises there is no God helping them Shuichi picks on it pointing out how this is why they have to face it together. And that their ultimate talents are the best weapon they have. Giving encouragement and self acceptance even to Maki who decides to do everything she can to be trusted and that she won’t run away and escape with everyone.

Shuichi’s actions showed and helped Maki to get closer to everyone. As well as helping everyone to get closer and helping her facing her doubts. As well as reinforcing everyone’s relationship and emotional strength to each other (for example after Shuichi managed Himiko’s emotions she completely changes in the next trial.
[Emotional Perception, Emotional Understanding, Emotional Facilitation, Relationship management,]