

Para que no se olviden:

생각想法pensamientosthoughts/theories

God of the Gaps

- Gaps in scientific knowledge is proof of God's existence

Fermi Paradox

- Absence of extraterrestrial life in spite of the high estimated probabilities of their existence
- Zoo Hypothesis
 - We live in metaphorical zoo in which extraterrestrials are observers but we can't observe them

“What-The-Hell” Effect

- Making one bad decision and leading to more
- What the hell, may as well eat another one... and so on

Zipf's Law

- Frequency of a word in any language is inversely proportional to its rank

Pareto Principle

- 80% of consequences come from 20% of causes
- 80/20 rule

Infinite Monkey Theorem

- A monkey hitting keys on keyboard at random for infinite amount of time will produce every possible finite text an infinite amount of times

100 Prisoners Riddle

- 100 prisoners have to go in a room one by one and select the box that contains a slip with their number in it
 - Each person has 50 tries
- Strategy
 - Select the box number with their number on it
 - Creates a “loop” that must loop back to original number (their number)
 - 31% chance of winning

Trolley Problem

- Utilitarianism
 - Practical (benefit for majority)

- Save 5 by choosing to switch lever
- Deontology
 - Moral (according to a set of ethical rules)
 - Don't switch lever

The Chinese Room

- Man stuck in room receives note in Chinese one day
- Desperate to communicate, and uses provided books to provide responses
 - Doesn't actually know what the notes or his responses mean
- Argues that computer-executing program doesn't have a mind no matter how human-like the computer may behave
- What is intelligence?

Mary's Room

- Mary stuck in a colorless room since birth
- Has read only books on color perception, knows everything there is to it
- If the door is open and she sees the outside world of color, will she learn anything new?
- Does understanding necessitate conscious experience?

Brain in a Vat

- We're disembodied brains whose mental perceptions are caused by supercomputer
- Computer is simulating reality
- Skepticism
 - Argues that can't prove one isn't a brain in a vat → can't prove that one's beliefs are even true

Friendship Paradox

- Our friends are statistically more likely to have more friends than us

Black Swan Theory

- A single event "black swan event" or observation that comes as a surprise, difficult to predict in the normal course of business
- Changes our entire outlook on something
- Ludic Fallacy
 - Misuse of games to model real-life situations

Allais Paradox

- Undermines theory of expected utility

Experiment 1				Experiment 2			
Gamble 1A		Gamble 1B		Gamble 2A		Gamble 2B	
Winnings	Chance	Winnings	Chance	Winnings	Chance	Winnings	Chance
\$1 million	100%	\$1 million	89%	Nothing	89%	Nothing	90%
		Nothing	1%	\$1 million	11%		
		\$5 million	10%			\$5 million	10%

- People will choose 1A and 2B, even though they are opposites
- Expected utility expects people to either choose 1A and 2A, or 1B and 2B

Mandela Effect

- Large # of people believe an event occurred when it did not

Semantic Satiation

- Repetition causes word/phrase to lose meaning → repeated meaningless sounds

The Linguistics Iceberg Explained

- Plural of octopus is octopuses (Greek root)
 - Other words like fungus, cactus → fungi, cacti (Latin root)
- Pangram - sentence that has every letter in alphabet
- Gendered languages influence how people think of innate objects?
 - E.g. la luna → study shows more likely to be described with feminine portrayal

Dangers of population growth facilitation

- Fewer children → senior-centered nation → more short-term thinking, wealth > innovation
- Bad for issues such as climate change, which needs innovation

Fundamental question of rationality - "Why do you believe what you believe?"

Reciprocity Bias

- Natural tendency to return favor when they receive something from others
- More likely to receive unsolicited gift after giving unconditional gift

Suspension of disbelief

- Avoidance of critical thinking and logic in order to believe it for the sake of enjoying the narrative
- E.g. ignoring plot holes, one piece plot armor cheese

Lateral thinking

- Problem-solving in unique and creative ways rather than step-by-step approach
- Look at problem from different angle

The Cobra Effect

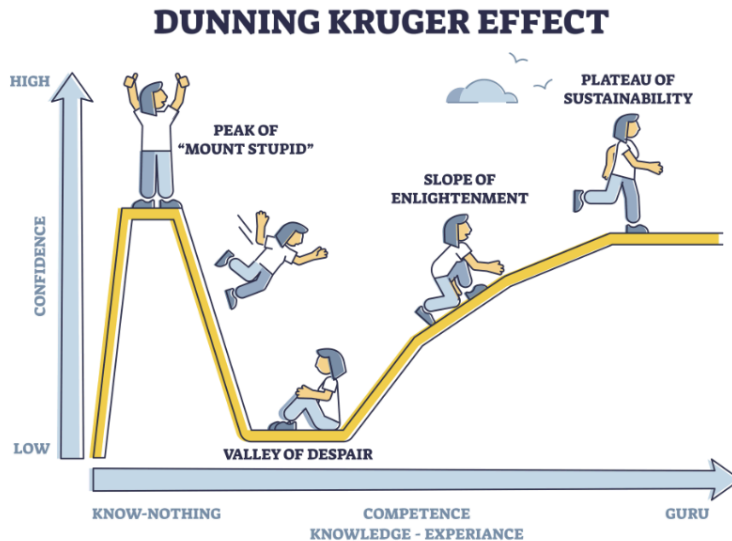
- Situation where intended solution makes problem worse
- E.g. bounty for each cobra killed in colonial India → started breeding cobras

Heisenberg Effect

- Directly observing event alters it

Dunning-Kruger Effect

- When someone overestimates knowledge or abilities in particular area



Straw man fallacy

- Someone distorts opponent's argument by oversimplifying/exaggerating
- Misrepresents opponent's argument to make it easier to attack

Sapir-Worf hypothesis

- Language person speaks influences how they think about the world
- E.g. gendered language in professions "policeman" "fireman"

Unexpected hanging paradox

- Prisoner told he'll be executed at noon during a random weekday upcoming week, which will be a surprise
- Reasons that can't be Friday b/c if not executed on Thursday then Friday isn't surprise
- Uses recursive logic to conclude that he won't be executed on any of the days
- Executed on Wednesday, to his surprise
- Logic seemingly defeats itself (reality contradicts perfect logical reasoning)

Fallacy fallacy

- Claim that argument is wrong solely because it contains logical fallacy


Pro-drop language

- Pronouns can be omitted when they can be pragmatically or grammatically inferred
- English is non pro-drop
- E.g. Mandarin is pro-drop
 - A) 这块蛋糕很好吃。谁烤的？
 - B) 不知道。喜欢吗？(I) don't know. (you) like (it)?

Escher Sentence

- Sentence that initially seems acceptable but upon further reflection have no well-formed meaning
- *More people have been to Berlin than I have*

Pandas suck at existing

-  Why Pandas Are Impressively Bad at Existing
- **Stupid?**
 - Bamboo very little nutritional value and substance → spend 12 hrs a day eating
 - Digestion tract resembles carnivore (shorter) instead of herbivore → poop 40 times a day
 - Look clumsy because they look for lowest-energy way to get around
- **Protein?**
 - Young bamboo shoots and culm/leaves have lots of protein → targeted feeding → 61% protein energy from diet
 - Reflected in panda milk, higher protein proportion than herbivorous mammals

책书librosbooks

“Blink” by Malcolm Gladwell

- **Thin-slicing**
 - Ability to find patterns based on very short experiences (seconds)
- **Snap judgments**
- **Warren Harding errors**
 - Unconscious assumptions that can be fueled to drive conscious decisions without our awareness
 - E.g. tall, dark-complexioned, handsome man (Warren Harding) → unconscious expectation that he's competent to be president
- Some radical concepts/designs are seen as “ugly” (proxy for “different” in such cases) until it takes enough time for us to like them
- Facial expression codes (**FACS**) give cues to emotion
 - **Mind reading** (read faces to interpret situation - lack of is autism)
 - **Mind blindness** caused by arousal (HR above 145) and lack of time
- We are often careless with rapid cognition
- Acknowledge subtle influences that can alter bias in our unconscious
- We can control environment in which rapid cognition occurs
 - E.g. controlling spontaneity of first impressions
- Forgive people trapped in circumstances where good judgment is imperiled
- Information is often not understanding
 - Visual is 80% of audition, when removed → better music
 - Lee knowing more about Hooker's army in Chancellorsville and still lost

- Deliberate analysis (pro's and con's) when considering minor importances
- Instinct for more complicated nature
 - Case-by-case basis

“The Man Who Mistook His Wife for a Hat and other Clinical Tales” by Oliver Sacks

- Only distinguish people by their unique features, if they have any
- **Korsakoff's Syndrome**
 - Amnesia
- **Proprioception** - body's ability to locate itself in orientation, balance
 - Lack of → cannot feel or sense her physical self
- **Haldol** rebalances dopamine
 - Reduces symptoms of schizophrenia, tourette syndrome

“The Confidence Game” by Maria Konnikova

- People like extraordinary circumstances, magic, and stories which confidence game feeds on
- Confidence games thrive during periods of transition
 - E.g. industrial, technological revolution
- Con artist and victim (**grifter and the mark**)
 - **Dark triad** personality theory
 - Psychopathy (emotionless), narcissism (selfish), Machiavellianism (deception)
- Identifying victim (**put-up**)
 - Familiarize with victim to gain trust → open more information
- Creation of empathy and rapport (**the play**)
 - Emotion before logic
 - Stories are more persuasive and immersing than facts
 - **Mood congruity**
 - **Elaboration Likelihood Model**
 - More involved → central route - persuaded by content
 - Less involved → peripheral route - persuaded by external cues (e.g. appearance)
 - Relief following anxiety is most vulnerable state of being persuaded
- Logic and persuasion (**the rope**)
 - **Alpha** (increase appeal) and **Omega** (decrease resistance)
 - **Foot-in-the-door, door-in-the-face**
 - **Disrupt-then-reframe (DTR)** technique
 - Change situation every time victim tries to assess message to disrupt understanding
 - **Decision fatigue** (excessive options) → irrational thinking
 - **Illusory truth effect**
 - More likely to perceive as true if familiar with it
 - **Cognitive overload**

- Cons take advantage of people's **illusory superiority**, that we are singular (special) no matter the circumstances
- The scheme (**the tale**)
 - "Too good to be true" → "Actually, this makes perfect sense"
 - **Lake Wobegon effect**
 - Human tendency to overestimate themselves
 - Most people are average
 - **Zeigarnik effect**
 - Enhanced recall of interrupted events
 - If perform poorly, memory dismissed from mind → vulnerable to cons
- Evaluate how it will benefit (**the convincer**)
- The more we struggle, less we can extricate ourselves (**the breakdown**)
- Victim may even increase involvement (**the send**)
- Completely fleeced (**the touch**)
- Con artist may not even need to tell us to be quiet (**the blow-off and fix**)

"The Tipping Point" by Malcolm Gladwell

- Three types of people in marketing
 - Connectors - know a lot of people, friendly, sociable
 - Mavens - knowledgeable, curious
 - Salesmen - pitch idea well, persuasive
- Stickiness factor
 - Children like repetition
- **Rule of 150** - humans can comfortably maintain network of 150 people
- **Metcalf's Law "fax effect"**
 - Value of telecommunication network is proportional to how many users there are
 - Also introduces immunity, e.g. emails → creates cluster
- Crime is largely caused by environment rather than intrinsic factors e.g. graffiti
 - **Broken windows theory**
- **Law of the Few**
 - Most people get information from very small subset of people who seek risk
 - These people cause tipping point (widespread popularity)

"Sapiens: A Brief History of Humankind" by Yuval Noah Harari

- Humans survive because of ability to create fiction
- Exchange between other humans
- **Dual reality**
 - Stones, rocks, trees, sun
 - God, religion, video games

"Homo Deus" by Yuval Noah Harari

- Knowledge-based economy instead of materials → war profitability decreases
- **Chekhov's Law** - if a gun was introduced in first frame, it would/should be used inevitably

- Agricultural Revolution → theistic religions, justify domesticating animals
- Does the mind exist?
 - If subjective feelings are the result of electrochemicals in our brain, then where is the mind
- Turing test - machine vs human, distinguish which is which
- Human superiority is due to their **flexible cooperation** in large numbers
 - E.g. bees can't form republics in response to danger, elephants can't cooperate within lots of strangers
- Religion: Ethical judgment + factual judgment = practical guideline
 - Humans obey God + God deemed homosexuality bad = people avoid homosexual activities
- Modern culture = economic growth (capitalism)
- Humanism
 - Follow individual feelings rather than divine inputs
 - E.g. war art more focused on individual perspective, rather than overall layout
 - Liberal humanism
 - Individual free will
 - Customer is always right, "if it feels good, do it"
 - Some argue that not the best because struggles to account for ideological contradictions among humans
 - Socialist humanism
 - Account for others' feelings and socio-economic system
 - Party knows best, trade union is always right
 - Evolutionary humanism
 - Darwin's evolutionary theory
 - Human experiences collide → strongest survive
 - War is essential
- Post-humanism: Dataism
 - Freedom of information
 - Organisms are algorithms—what will happen to society when algorithms know us better than ourselves?
 - Which is more valuable: intelligence or consciousness?

"The Three-Body Problem" by Cixin Liu

- Dyson sphere
- Cosmic velocities
 - 1st cosmic velocity: speed to bring object in orbit around Earth
 - 2nd cosmic velocity: escape velocity from Earth
 - 3rd cosmic velocity: escape solar gravitational field
 - 4th cosmic velocity: escape Milky Way galaxy gravitation
- If life has transformed Earth so much, then what effect has life had on the universe up to this point → is universe/life even natural?
- Time is 2D
- **Dark Forest Theory** - solution to Fermi Paradox

- Based on 2 axioms of cosmic sociology
 - Civilizations' goal is to survive
 - Civilizations grow and expand, but total matter in universe remains constant
- Even if one civilization says it's peaceful, other civilizations won't know if they're lying → safest to eliminate them
- Chains of suspicion (best to kill) and threat of technological explosion (best to maintain peace)
- Everyone remains in hiding, if civilization encounters another, then only option is to kill them
- Nature of fundamental laws of physics
 - Shooter's Hypothesis
 - Archer shoots holes in 2D world 10cm apart, creatures on that world think that there exists a hole in the universe every 10cm (law of physics)
 - Farmer's Hypothesis
 - Turkey notices farmer feeds them at certain time every day (law of physics), so he tells other turkeys this on day of Thanksgiving, where farmer kills them all

HARRY POTTER 해리 포터

“Harry Potter y la piedra filosofal”

- Hagrid move **Philosopher's Stone** from **Gringotts** to Hogwarts
- Quirell (face couldn't be seen) gave Hagrid **Norbert** to find out how to get past **Fluffy** (lullaby music)
- Snape was trying to stop **Quirell** from stealing stone during troll incident (leg injury)
- Snape trying to save Harry from Quirrell during Quidditch
 - Hermione set robe on fire, broke Quirell's attention too
- Sorcerer's stone defenses: Fluffy, **Devil's Snare**, chess, flying keys, potion riddle
- **Mirror of Erised** - shows deepest desires
- Quirell couldn't touch Harry b/c he was connected to Voldemort → Lily's love protection
- Stone appears in Harry's pocket after looking at Mirror of Erised
- **Nicolas Flamel** creator of Philosopher's stone, died after he and DD destroyed it

“Harry Potter y la cámara secreta”

- **Dobby** blocked 9¾ entrance, enchanted bludger, cut off mail from friends
- **Gildery Lockhart** - autograph dude
 - Dragged into chamber entrance by Ron & Harry → hit by his own memory-loss spell using Ron's wand → permanently clueless

- Made Harry's bones disappear in an effort to cure broken bone from Q
- **Dueling club**
 - Malfoy conjured snake to attack Harry → Harry spoke in **parseltongue** to save it from attacking Justin Finch-Fletchley
 - Voldemort parseltongue to Harry when he tried to kill him
- Tom Ryddle opened Chamber, framed Hagrid for it and got him expelled (reasonable since Hagrid liked dangerous creatures - **Aragog**)
- Ginny becomes too emotionally attached to diary Horcrux → possessed by its soul
- Harry saved by **Sorting Hat (Sword of Gryffindor - only summoned by a true Gryffindor)** and **Fawkes** (loyal to Dumbledore)
- Stabs diary with **Basilisk fang** (contains basilisk venom → kills Horcrux)
- Harry frees Dobby by hiding sock inside diary which he gave to Lucius

“Harry Potter y el prisionero de Azkaban”

- F&G give Harry **Marauder's Map**
- Ron give Harry **Pocket Sneakoscope** as birthday gift
 - Lights up when enemies are around
 - Keeps lighting up at dinner table (Scabbers is **Peter Pettigrew?**)
- **Remus Lupin** werewolf - anti-werewolf potions brewed up by Snape
- **Knight Bus - Stanley Shunpike**
 - Saved Harry from the Grim (Sirius?)
- **Buckbeak** execution (**Macnair**) saved by Hermione's **Time Turner**
- **Sirius escape**
 - Recognized Pettigrew as rat on Ron's shoulder in newspaper during trip to Egypt
 - Turned into dog and escaped
- Sirius Black was **secret guardian** of Potter family, gave it to Peter Pettigrew last second because he thought Voldemort wouldn't expect it
 - Pettigrew betrayed Potters by telling Voldemort where they were
- Pettigrew framed Black by cutting off finger and claiming that he had killed everyone
- Trelawney predicted in her **rant** that Voldemort would rise to power with the help of a follower (night that Pettigrew escaped)
- Sirius gives Harry permission to go to **Hogsmeade** → DD allows, other teachers won't question

“Harry Potter y el cáliz de fuego”

- Hermione vs Percy abt Crouch's treatment toward Winky (Percy is Crouch simp)
 - S.P.E.W organization founded by Hermione with 3 total members
- “Mad-Eye” Moody was **auror** (trained to catch bad wizards)
 - Sent **Karkarov** to Azkaban, released by pleading he was regretful and singing
- Hagrid teaching classes, **blast-ended skrewt**

- **Triwizard Tournament** - created between Hogwarts, Beauxbatons (**Madame Olympe Maxim**), Durmstrang (Karkarov)
 - 1st test: **Hungarian Horntail** - get the golden egg
 - 2nd test: **The Lake** - retrieve person you value the most (Ron)
 - Carried by Dobby (gillyweed) and Moaning Myrtle (directions)
 - 3rd test: **Labyrinth** - Cup is in center
 - Portkey to Voldemort's father's grave in **Little Hangleton** (made by Barty Crouch Jr.)
 - Pettigrew target-killed Cedric instantly
 - Bone of father, flesh of follower, flesh of enemy (wanted Harry to have protection that mother gave him) → Voldemort back to life
 - V give Pettigrew **silver hand** as reward for his service
 - Harry escaped during duel, used summoning charm while holding Cedric to retrieve Cup and return to Hogwarts
 - **Aftermath**
 - Voldemort can touch Harry b/c used Harry's blood (Lily's protection also to V)
 - Harry's & Voldemort's wands came from Fawkes
 - Victims come out of V's wand b/c **sister wands collide (invoke previous spells in inverse order)**
- Karkarov ran away while Harry was fighting Voldemort
- **Crouch's son was fake Moody**
 - **Escape from Azkaban**
 - Mother wanted Crouch to free son as last wish (she was dying), Crouch agreed → used polyjuice potions, everyone thought Crouch's son was dead
 - Crouch used Imperius on son, permanently under invis cloak
 - Bertha Jorkins came by one day, realized who Winky was talking to → Crouch put powerful memory-spell on her
 - Resisted Imperius during World Cup, grabbed Harry's wand and invoked Dark Mark
 - Winky was not "saving seat for Crouch," was occupying Crouch's son seat (under invis cloak)
 - Crouch dismissed Winky for not keeping son in check
 - **Voldemort** came to his house one night, used Imperius on Crouch, free'd son
 - Had been recovering slowly in forest with help from Pettigrew and torturing Bertha Jorkins for Triwizard Tournament information
 - Crouch went to work as usual, when started to resist, forced to send letters from home stating that he was sick
 - Task: make sure Harry gets to 3rd test and touches Cup
 - He and Pettigrew attacked Moody, polyjuice on him, stored him nearby for polyjuice-material usage, Imperius to find out about habits (e.g. drink from own bottle)
 - **In-Tournament Genius Plays**

- Didn't want to appear too sus after helping Harry in 1st test
- Told Cedric how to open egg, knew that he would tell Harry too
- Gave Neville book on aquatic plants bc he thought Harry would ask him about it, but he didn't
 - Told Dobby to come to office to clean tunic while he talked with McGonagall about gillyweed (framed so that Dobby would tell Harry)
- Used Snape's office for polyjuice materials (why Crouch was on map) → took map from Harry lying that Crouch hated Death Eaters just as much as himself (Moody)
- Used Map to find out Crouch was near Harry & Krum after labyrinth introduction → hid in invis cloak until Harry went off to find Dumbledore → killed Crouch, stunned Krum
 - Looped back around when Dumbledore came to seem like he was coming from castle (lied that Snape had told him about this)
 - Turned Crouch into a bone, cover with invis cape, buried next to Hagrid's cabin
- Labyrinth: stunned Fleur, used Imperius on Krum to take out Diggory, cleared out most obstacles for Harry
- Fudge brought dementor to where Crouch Jr. was → dementor's kiss
- **F&G and Bagman incident**
 - F&G won bet at WC that Ireland would win but Krum would get snitch
 - Bagman gave them leprechaun gold (disappeared soon), refused to give money
 - Bagman needed money b/c owes goblins → made bet with them that Harry would win tournament → tried to help Harry
 - Goblins claimed that Harry tied, so Bagman is broke and fled
 - Harry gave F&G his prize money to start up joke shop business
- Hermione caught Rita Skeeter (undocumented animagus → beetle), no writing for a year

“Harry Potter y la Orden del Fénix”

- Figg is squib, orders from Dumbledore to keep watch over Harry, didn't act nice to him so he wouldn't suspect anything
- Dementors attack Dudley and Harry (Mundungus was lackin' on his job - take turns guarding Harry)
- Order of Phoenix takes Harry to HQ (**Grimmauld Place** - Sirius' parents' old house); **Kreacher** crazy elf
- Fudge influence **The Daily Prophet** to portray Harry as stupid boy → less credibility → Voldemort isn't back
- **Percy promotion incident**
 - Mr. Weasley thinks Fudge is using Percy to spy on his family and Dumbledore
 - Percy flames him: not ambitious → poor, ministry > family
- **Black family tree**
 - **All pure-bloods are related** (e.g. Tonks, Malfoys)

- Pro pure-blood, but not to extremes of Voldemort
- Sirius' brother Regulus killed by Voldemort after becoming DE, too scared
- Sirius removed after running away from home at 16
- Lived in James Potter's home and off gold uncle Alphard gave (also removed)
- **Ministry entered through telephone booth → underground**
- **Enchanted windows (weather chosen every day), flying notes (used to be owls)**
- **Hearing**
 - Held in same place as LeStrange, Fudge Jr. sentencing
 - **Umbridge**, Fudge, Percy vs Dumbledore, Harry, Figg
 - Harry absolved
- Ron & Hermione, Malfoy & Pansy prefects (1b 1g per House)
- **Luna Lovegood's father is director of The Quibbler**
- Fudge scared of Dumbledore raising secret army → passes random laws and gets Umbridge to supervise classes, teach no-magic DaDA class, **MINISTRY CORRUPTION**
- Hagrid gone (Grubbly-Plank)
- Umbridge punishment - **"I must not tell lies"** with pen that uses blood from dorsal
- Ron made Quidditch team - very nervous, sensitive to Slytherin insults **"Weasley is Our King"**
- Hermione knitting objects for elves, hiding them in secret places so they find them → elves don't clean tower → Dobby takes everything
- **Dumbledore's Army**
 - Those interested met in Hog's Head (Mundungus eavesdropped → Order of Phoenix knew - guarding Harry)
 - **Come & Go Room / Room of Requirement**
 - Appears when someone is in desperate need of smth
 - Every member has **Enchanted Coin** with numbers, indicates if Harry changes date for practice time
 - Cho & Harry kiss under mistletoe, cries about Cedric the whole time
- Harry can sense Voldemort's emotions
- Umbridge suspends Harry + Fred + George from Quidditch for fighting Malfoy, gets replacements (Ginny is Seeker)
 - Ginny practicing Quidditch by sneaking in garden since she was 6
- **Hagrid story**
 - Traveled with Olympe Maxime to giants
 - Followed orders from DD, give **Karkus (Gurg - head of giants)** gifts
 - Karkus killed, **Golgomath** (next Gurg) not as friendly
 - Tried to convince runaway giants in nearby caves, but Golgomath supporters hunted down all of them
 - Macnair also there giving gifts
 - Left with nothing but shred of hope that some might listen to Dumbledore
- **Thestrals - skeleton horses, only ppl who've seen death can see them** (Harry, Luna, Neville)
- **Harry's vision: Arthur Weasley bitten by snake**
 - Harry saw it from snake's perspective

- Not possessed (can't appear/disappear within Hogwarts, would have long periods of memory loss - Ginny)
- Dumbledore use former directors' portraits to check on Mr. W
- Portkey to get to Grimmauld's Place
- **San Mungo Hospital**
 - Lockhart still clueless
 - Longbottoms, mother gives Neville lots of chewing gum wrappers which he keeps secretly
- **Occlumency (mind defense) training w/ Snape**
 - **Occulumenty defends against Legilimency** (penetrate in mind)
 - Voldemort realizes that Harry can experience his thoughts, will try to do same with Harry → occlumency training requested by Dumbledore
 - Harry realizes 6-month dark hallway dream is in Department of Mysteries
 - Where Arthur Weasley got attacked by Voldemort snake
 - Where **Voldemort's weapon** is
- 10 Death Eaters escape from Azkaban, Sirius is framed by Ministry
- Lucius Malfoy used imperius curse on Bode & Sturgis (guy in newspaper caught sneaking in Ministry) to rob weapon for Voldemort
- **Firenze** new Adivination teacher after Trelawney gets fired
- **Umbridge vs DA incident**
 - Marietta Edgecombe (Cho's friend) snitches to Umbridge abt DA
 - Hermione's enchantment on member list → Marietta can't talk to provide witness evidence, grows pimples
 - Kinglsey memory spell when ppl weren't looking, witness is useless
 - DD claims responsibility for DA → disappears from Hogwarts
 - Umbridge replaces as new director
- **Inquisitorial Squad** - group of students (Malfoy, Parkinson, etc.) to support Umbridge/Ministry
- **Snape's worst memory**
 - Malfoy goes to office to ask Snape to rescue Montague (stuck in toilet) → Harry explores pensieve
 - James bullying Snape, saved by dirty-blood Lily Evans
 - No more Occlumency lessons, Harry feels conflicted/betrayed with father
- Individual career interview w/ McGonagall - willing to help Harry to become auror "if it's the last thing [she does]"
- **F&G escape**
 - Cause chaos → Harry talk w/ Sirius abt father "he got more mature w/ time"
 - Started dating Lily in 7th year
 - Umbridge catches them → fly out of Hogwarts, advertise business in epic fashion
- Harry finally confesses to R&H how F&G got money for business
- **Grawp**
 - Hagrid drags H&H out during G vs. R game (Ron pops off cus "nothing to lose")
 - Introduces to Grawp - half brother, bullied for being "too small"
 - Why Hagrid took so long to come back, bruises everywhere

- Made them promise to take care of Grawp if Hagrid gets fired
 - Saw Hagrid get fired (McGonagall injured, taken to SM) during astronomy OWL at night
- When Sirius told Kreacher to leave during Christmas, Kreacher took it seriously → left to Narcisa (BL's sister, Lucius wife)
 - Told her about Harry & Sirius relationship, fed to V →
- **Harry gets baited, V torturing Sirius**
 - Checks Umbridge's fireplace to see if Sirius is at GP
 - Kreacher had injured Buckbeak to make Sirius treat him so Kreacher copped that Sirius wasn't there
 - Caught by Umbridge, Hermione baits Umbridge with "weapon," leads her to forest with centaurs, carried away
 - H&H&R&Ginny&Neville&LL ride thestrals to Ministry
 - Snape had already confirmed Sirius was in GP and safe, realized Harry was gonna go after him in Ministry, alerted rest of Order
 - **Ministry**
 - Rotating doors room, Hermione marks visited doors to counter
 - Tank with brains room, weird murmuring arch room, bookshelves room
 - **Prophecy Orb (weapon?)**
 - V tried using Sturgis & Bode to rob it, discovered only ppl mentioned in prophecy can retrieve it → baited Harry to get it for him (V can't j show up at ministry)
 - Why V tried to kill Harry when he was just a baby
 - Sirius killed by **Bellatrix Lestrange** (also killed Longbottoms)
 - Fudge comes in PJ's, admits Voldemort is back → DD forces him to kick Umbridge, allow Hagrid to come back
- **Prophecy history**
 - DD sent card along w/ baby Harry to Dursleys, pact that made Petunia keep Harry in house
 - As long as Harry called that place home, V couldn't hurt him there
 - DD interviewing Trelawney for Adivination position in Hog's Head, heard prophecy
 - *The one with the power to vanquish the Dark Lord approaches... born to those who have thrice defied him, born as the seventh month dies... and the Dark Lord will mark him as his equal, but he will have power the Dark Lord knows not... and either must die at the hand of the other for neither can live while the other survives... the one with the power to vanquish the Dark Lord will be born as the seventh month dies....*
 - V will choose him, give him powers
 - One will kill the other
 - Snape overheard, kicked out, only heard 1st part → Voldemort choose Harry instead of Neville w/out knowing that it'd backfire
 - "Biggest regret" of Snape's life
- **Harry coping abt Sirius death**

- Sirius can't return as ghost, Headless Nick doesn't explain why
- Harry finds **two-way mirror** that Sirius gave him at beginning, say his name and they can communicate w/ each other

“Harry Potter y el misterio del príncipe”

- **The other minister**
 - Muggle minister informed by Fudge abt V, wizarding world news
 - Unexplainable things happening in muggle world
 - Fudge dismissed as minister, replaced by **Rufus Scrimgeour**
 - Shackbolt working undercover for muggle ministry
- **Draco's mission - kill DD**
 - Narcisa begs Snape to an **unbreakable vow** that he'll help Draco (now a DE) complete it
 - If vow broken → dies
 - Snape still untrusted by BL
- **DD pick up Harry to go to The Burrow**
 - Harry inherit everything Sirius had, sent Kreacher to kitchen, Buckbeak “Witherwings” to Hagrid
 - **Adult age = 17 in wizarding world**, protection of “home” will go away then
- V use occlumency against Harry, realize how dangerous having mind read could be
- **Inferius** (pl. inferi) = **dead bodies reanimated by spells of DE (like zombie puppets)**
- **Horace Slughorn**
 - Had club/network of favorite students
 - Move from house to house when muggles on vacation
 - Accepted position at Hogwarts after Harry & DD convince him
- V's return → ppl rushing into relationships “uncertainty of future,” clock hands pointing to “mortal peril”
- Bill & Fleur planning to get married, Mrs. W inviting Tonks over every night hoping that Bill will fall in love w/ her instead
- **OWL results:** Hermione 9 O's, 1 E in DaDA; Harry & Ron both did well
- Karkarov assassinated for abandoning DE's
- **Draco gets Borgin to fix something for him**
 - Draco threatens **Borgin** with having **Fenrir Greyback** check on him, forces him to fix something (mission?) and buys smth
 - Greyback - werewolf that hunts children & indoctrinates them to hate wizards, part of V's army
 - Bit Lupin when he was small
 - Draco realizes Harry's eavesdropping his compartment's convo → stuns him & beats him up, leaves him under invis cloak
 - Saved by Tonks, realized Harry hadn't left (had cloak on) → checked closed-curtained compartment
- Slughorn Potions, Snape DaDA

- Grawp moved away to mountains that DD found
- **Felix Felicis-making contest**
 - First class of Potions with Slughorn
 - Harry didn't anticipate taking potions → borrows used book from **Half-Blood Prince** which contains modifications to book's recipe → Harry wins contest
- **DD's private classes**
 - **Bob Ogden + Gaunt family**
 - Gaunts last living descendants of Salazar Slytherin - instability rising due to tradition of marrying w/ cousins, fewer and fewer
 - **Solozar Gaunt** (V's grandfather) - father
 - Ogden sent by ministry to condemn **Morfin** (son) for committing magic to defenseless muggle
 - Morfin snitched to Solozar abt **Merope** (daughter) liking Tom (V's father) → Solozar tried to strangle Merope for liking muggle → ministry reinforcements came and Morfin/Solozar sent to Azkaban
 - Merope finally free from Solozar's oppression → love potion on Tom and got married → stopped using love potion once pregnant, thought he'd stay with her anyways → Tom ditched
 - **Merope + V's invitation to Hogwarts**
 - Merope desperate for gold → sold Slytherin's opal necklace for mere 10 galleons (wasn't aware of value) to **Caractacus Burke** (Borgin & Burkes)
 - Died after delivering V to orphanage
 - Dumbledore visits to invite V to Hogwarts
 - V liked collecting things he stole from others, bad things happen to ppl who annoy him, never cried, no friends
 - **V frames Morfin for murders of Ryddle family**
 - Used memory spell
 - Stole **Marvolo Gaunt's Ring** (descendant of Slytherin)
 - **V asks Slughorn about horcruxes** (Slughorn's memory)
 - V was prefect and part of Slug Club, admired by other students
 - This was blurred borrowed memory from Slughorn → left out worst parts
 - DD assigns Harry hw: make Slughorn reveal real memory
 - **Murder of Hepzibah Smith** (Hokey's memory)
 - V was working at Borgin & Burkes, assigned job of convincing people to sell treasures
 - Stole **Hepzibah's** Hufflepuff's Cup & Slytherin's Locket, framed murder on **Hokey** (elf)
 - V left B & B before family realized treasures disappeared
 - **DD denies V of DaDA position**
 - No professor since has had position for more than a year (cursed?)
 - V wanted to come back to Hogwarts to train army? Look for valuable objects from Hogwarts founders to place Horcruxes in?
- Stanley Shunpike DE?
- **Quidditch tryouts corruption**

- Goalkeeper position: Hermione enchanted **Cormac McLaggen**'s last ball → missed, got robbed; made Ron's balls easier to hit
- **Katie Bell incident in Hogsmeade**
 - Delivering packet to someone (under imperius?)
 - Went crazy when Leanne took it from her → Hagrid carried her to Hogwarts
 - Opal necklace in packet (Slytherin one that Merope sold to Burkes)
 - Same necklace Malfoy was looking at in **Borgin & Burkes** 4 years ago
 - Replaced by Dean in Q
- **Ron placebo effect**
 - Harry & Ron caught Ginny & Dean making out → Ginny roasts Ron's love life → Ron bad mood → Harry pretends to put felix felcis in pumpkin juice
 - Ron pops off, learns that it was all him → makes out with **Lavender Brown** → Hermione mad now
- **Slug Party**
 - Hermione invites McLaggen to party to piss off Ron
 - Harry invites LL spontaneously
 - Overhears Draco + Snape talking, Draco unwilling to share w/ Snape abt plan
 - Draco claims he had nothing to do with Katie Bell incident
- Scrimgeour & Percy pretends that they working near The Burrow, Percy wanted to see family (cap) → Scrimgeour tries to get Harry to become a mascot, symbol of hope for public, which he refuses to be
- **Bezoar** is antidote for mostly all potions
- **Apparition** classes taught by Ministry dude
- **Ron's Birthday** (March 1st) - **poisoned**
 - Eats chocolate that Romilda Vane gave to Harry (love potion) → Harry takes Ron to Slughorn for antidote → Ron collapses after drinking a cup of mead
- DD mad w/ Snape for some reason, wants him to investigate Slytherin (necklace & poison incidents are related?) (Snape reluctant to kill DD?)
- Harry skull fracture in Q game against Hufflepuff (w/ LL commentating)
 - McLaggen missed bludger coming to Harry
 - **Harry makes Kreacher & Dobby follow Malfoy** bc Malfoy disappearing on Marauder's Map sometimes
 - Malfoy in Room of Requirement with Crabbe & Goyle watching out (disguised as girls w/ polyjuice potion)
- Mundungus sent to Azkaban
- **Aragog's funeral** (Harry extracts Slughorn's memory)
 - Harry drinks small portion of felix felcis
 - Gets Slughorn to go to Aragog's funeral (spider venom is very valuable)
 - Hagrid & Slughorn get drunk → Slughorn gives memory in bottle to Harry
- Hermione pass apparition exam, Ron almost did by half an eyebrow
- **Horcruxes** (explained in Slughorn's real memory)
 - **Horcruxes are hidden part of one's soul**
 - **One has to kill to create a horcrux**
- **V Horcruxes' history**

- V chose horcruxes > **elixir of life (philosopher's stone)** b/c elixir of life has to be drunk periodically (if smth happened to it, he'd die)
- V only had 6 horcruxes before killing Harry, wanted to use Harry's death to create his last horcrux
- Horcruxes
 - *Diary*
 - Convinced DD that V had more than one b/c he wouldn't let diary be destroyed so easily if he only had one
 - V told Lucius to have diary in Hogwarts → V "died" b4 telling Lucius what it was → gave diary to Ginny in hopes of getting DD kicked
 - Lucius' fault that diary was destroyed
 - *Sorvolo's ring*, destroyed by DD using Sword of Gryffindor
 - Found in ruins of Gaunts' house
 - *Slytherin Locket*
 - *Hufflepuff's Cup*
 - *Ravenclaw Diadem*
 - *Harry Potter*
 - *Nagini*
- DD been missing from Hogwarts often b/c he was in search of V's Horcruxes
- **Sectumsempra on Draco**
 - Harry finds Draco crying in bathroom → uses Sectumsempra (prince's secret spell) w/out knowing what it did → Snape saves Draco's life
 - Punishment w/ Snape for rest of the year
 - Hid Prince's book in RoR that contained other forbidden/hidden objects (**The Room of Hidden Things** - same place where **Ravenclaw's Diadem** was hidden)
 - Missed Q championship → Gryffindor won anyways 450-140, Harry kisses Ginny in party
- Harry finds out that Snape was DE who revealed prophecy to V through Trelawney
- **Harry & DD Horcrux mission**
 - Apparated to rocky shore ocean where V used to bully orphans
 - Entered cave → crossed lake after DD brought to surface boat that V hid
 - Drank content of cauldron to reveal Horcrux in it → DD super weak → Harry fight off inferi → DD save him w/ ring of fire
- Death Mark above Hogwarts
- Draco got DE to enter Hogwarts after realizing that cabinet Montague was stuck in last year was transportation method between Borgins & Burkes and Hogwarts
 - Montague could sometimes hear sounds at both B&B and Hogwarts → tried to apparate away, got stuck in toilet
- **Draco's plan + DD's death**
 - Used imperius on Madam Rosmerta (Three Broomsticks) to give necklace to Katie and poison Slughorn's mead

- Heard Hermione say in library that Filch doesn't know how to distinguish mead
- Communicated with Rosmerta with Enchanted Coins
 - Inspired from DA
- Rosmerta warned Draco that DD left Hogwarts (saw him at Hogsmeade) → Draco cast Death Mark to bait DD to come back and wait to kill him
- Draco hesitant to kill → Snape kills DD (under DD's orders? also fulfills vow)
- DD knew what Draco was doing the whole time, didn't confront him b/c V would kill Draco if he knew DD suspected him
- Note in Horcrux locket that **R.A.B** already destroyed real one → DD died for nothing
- **Snape is Half-Blood Prince**
 - **Eileen Prince** mother, muggle **Tobias Snape** father
- Bill bit by Greyback - not during full moon → develops liking for (almost) raw steak
- Tonks likes Lupin, Lupin thinks he's too old & dangerous (werewolf) for her
- Draco used **Hand of Glory** (gives light only to holder) to escape being caught in RoR
- **DD funeral + aftermath**
 - Snape didn't accuse Harry of having his potions book b/c didn't want DD to find out
 - Where did DD learn Mermish (merpeople language)?
 - Harry can't be together w/ Ginny, too risky w/ Voldemort
 - Will go to **Godric's Hollow** - home of Godric Gryffindor, DD family, and Potters
 - Where first snitch was made by **Bowman Wright**

“Harry Potter y las reliquias de la muerte”

- **V + DE meeting at GP**
 - Tonks is sister of Narcissa and BL, recently married Lupin
 - **Charity Burbage** hung, killed, eaten by Nagini
 - Professor of Muggle Studies at Hogwarts
 - V needed to borrow Lucius' wand?
- **Elphias Doge** (went to Hogwarts with DD)
 - Recounting memories with DD in newspaper
 - DD entered Hogwarts shortly after father **Percival Dumbledore** was charged with muggle assault
 - **Ariana** (squib sister) and **Kendra** (mother) died too, only **Aberforth** who lived in his shadow
 - DD discovered 12 uses of dragon blood
 - Famous duel with **Gellert Grindelwald**
- **Dursley farewell**
 - Hestia & Dedalus (Order members) escort Dursleys away from Privet Drive
 - Dudley thanks Harry for saving his life, end on high note 😊
- **Seven Potters**

- Polyjuice potion to have 7 Harrys (paired up with member of Order) flying on brooms
- Real Harry goes w/ Hagrid on Sirius' motorcycle
- Encountered DE's and realized who real Harry was b/c of signature *Expelliarmus* spell on Stan Shunpike (under imperius)
- **Hedwig** dies 🕊️
- Fly to Tonk's parents' house → portkey to The Burrow
- George missing an ear, Moody died, Mundungus missing
- *How did Harry's wand act upon itself?*
- *How did DE's know they were leaving at that time?*
 - Snape told V (undercover for DD) when they were leaving, also told Mundungus to suggest 7 Potters strategy to Order
- The Burrow = new Order HQ
- Hermione give Harry **Sneakoscope** as birthday gift (old one Ron gave him was broken)
- **Hermione + Ron measures taken for sake of Horcrux mission**
 - Hermione memory spell on parents to move to Australia, forget that they have a kid
 - Mr. W + F&G adorn **Weasley Family Ghouls** with Ron's PJ's, pretending to be Ron with **Spattergroit**
- **Hermione Accio's Horcrux books from DD office after DD funeral**
 - **Horcruxes can only be destroyed by powerful/destructive substances** (e.g. basilisk venom)
 - **Owner has to shown genuine regret to connect soul again**
 - **Soul in Horcrux cannot be transferred to another object**
 - **Can possess someone else if they get too emotionally attached** (e.g. Ginny w/ diary)
- Hagrid gave Harry **Mokeskin pouch** as birthday gift - only owner can open
- **Bill** (William Arthur Weasley) **and Fleur's wedding**
 - **Dumbledore's Will**
 - Presented to them by Scrimgeour (accompanying Arthur Weasley)
 - **Deluminator** to Ron (designed by DD, make lights in certain area go off, turn back on with click)
 - Book ***The Tales of Beedle the Bard*** written in ancient runes language to Hermione
 - **Beedle the Bard** is children's author for wizards
 - **Sword of Gryffindor** to Harry
 - Didn't give b/c still needed it to destroy horcruxes → made a fake copy to keep in Snape's office
 - Left real one
 - Harry's first caught snitch to Harry
 - **Snitch has flesh-memory**, can hide objects inside snitch for person that touched it first (why snitch-makers use gloves when making)
 - *"I open at the close"* engraved when Harry puts it near mouth (was snitch he almost swallowed in 1st year)

- Krum tells Harry that **Xenophilius Lovegood** (LL's father) wearing necklace w/ Grindelwald symbol (Grindelwald went to Durmstrang)
- **Aunt Muriel's version of DD's family history**
 - Ariana was squib, locked in basement of family in Godric's Hollow for not being able to do magic
 - Kendra died first (Ariana killed Kendra?)
 - DD did not defend himself from accusations
 - **Bathilda Bagshot** still lives in Godric's Hollow (*History of Magic* author)
- Shackbolt patronus message: Scrimgeour dead, ministry has fallen to DE → H&R&H apparate to Tottenham Court Road
- **On the run in London**
 - Encounter DE's in cafe → stun and erase memory → apparate to GP
 - R.A.B is **Regulus Acturus Black**
 - Under V, ordered Kreacher to test (drink) poison in cauldron in cave where locket was going to be stored
 - Later, RAB ordered Kreacher to replace locket w/ fake, RAB dies after drinking poison to reveal it
 - Kreacher couldn't destroy real one → stolen by Mundungus → gave to Umbridge
- **DE corruption**
 - DE's have taken control over ministry and Daily Prophet, get public to help find Harry
 - V didn't directly become minister → invokes fear and uncertainty in public
 - **Pius Thicknesse** is new minister, under imperius
 - Mandatory to attend Hogwarts → V have all wizards under control
 - Punish wizards who come from muggle families "stolen magic"
- Lupin wants to accompany them on Horcrux mission, Harry realizes that he's dodging responsibility of staying w/ Tonks and their kid
- Snape new Hogwarts director, new Muggle/DaDA teachers are DE's (**Carrow** siblings)
- Voldemort wants **Gregorovitch** (wand maker)
- Hermione hid **Phineas Nigellus (Professor Black)** portrait in her bag to prevent him from snitching their location away
- **Ministry infiltration**
 - Polyjuice potions, become separated immediately after Ron forced to fix rain in office to save his wife's life, Hermione taken by Umbridge
 - Harry attacks Umbridge during trial of Ron's wife **Mrs. Cattermole** → yank Umbridge's real Slytherin locket → save muggles → escape to forest b/c **Yaxley** was holding onto Hermione's arm, saw GP
 - Harry also took Moody's eye that Umbridge took to vigilate her office with on door
- **Escape to forest where Quidditch World Cup was held**
 - **Can feel small heartbeat in locket (horcruxes' souls can be felt)**
 - Voldemort vision
 - Torturing Gregorovitch for Elder Wand

- Legillimency on Gregorovitch → saw that Grindelwald stole it → V killed Gregorovitch
 - Buried Moody eye under tree
- Take turns holding horcrux to not let it weaken them too much over long time
- V hid in Albania during exile
- Overheard **Ted Tonks** (not pure blood), Dean (not sure), and some goblins on the run talking
 - Sword of Gryffindor moved to BL's Gringotts vault from Snape's office (goblins found out it was fake)
 - *Where is real one?*

- Interrogate Phineas Nigellus → DD used sword before to open ring → sword can destroy horcruxes
- **Ron's pissy mood**
 - Spoiled by having good food every day, place to sleep
 - Mad at Harry b/c thought he had a plan or DD told him what he needed to do
 - Rage quit while raining, Hermione crying :<
- Grindelwald symbol in *The Tales of Beedle the Bard*
- Realize Godric Gryffindor is from GH → did DD leave real sword w/ Bathilda?
- **Christmas in Godric's Hollow**
 - Apparate to GH under polyjuice from muggles
 - Peaceful, snowing scene where Harry & Hermione explore cemetery
 - Kendra & Ariana Dumbledore gravestone
 - *"Where your treasure is, there will your heart be also"*
 - James & Lily Potter gravestone
 - *"The last enemy that shall be destroyed is death"*
 - Died on Halloween
 - **Nagini (Bathilda) bait**
 - Enter Bathilda's house → Bathilda turns into Nagini, ordered by V to retain Harry there until he arrives
 - Escape after Hermione landed explosive spell → broke Harry's wand
- **The Life and Lies of Albus Dumbledore by Rita Skeeter**
 - Taken from Bathilda's house
 - Used **Veritaserum** on Bathilda to extract "true" information on DD's backstory
 - Bathilda was Grindelwald's great-aunt → connected him w/ DD when DD came back to GH after receiving news of Kendra's death
 - DD letter to Grindelwald - use power (magic) to control/rule muggles
 - Dumbledore gave rise to Grindelwald's evil reign?
 - Friendship only lasted 2 months
 - Aberforth blamed DD for Ariana's death
 - Grindelwald fled country few hours after death
 - **Nurmengard** - prison that Grindelwald made to capture his opposition, died in it after DD captured him
 - Harry mad DD never told him any of this
- **Apparate to Forest of Dean**
 - Deer patronus (Snape's) appeared while Harry was on guard → followed it to frozen pond with Sword of Gryffindor at bottom → undressed himself and submerged himself to retrieve it → saved by Ron (who was lurking in forest and came because of deer)
 - Same patronus as Lily
 - **Destroying the horcrux**
 - Harry tell horcrux to open using parseltongue → Tom Ryddle spills Ron's greatest fears → fake Harry & Hermione emerge from eyes of locket and start making out
 - Ron destroys it finally

- Hermione scold Ron like his mom, wanted to be mad at him
- **Ron's story**
 - Wanted to come back right after he ditched
 - Lived at **Shell Cottage** - Bill & Fleur's new house
 - Came across band of **Snatchers** - ppl who capture muggles and **blood traitors** (pro-Muggle pure bloods) for ministry compensation - and told them he was Stan Shunpike → managed to escape
 - Yanked wand, gave it to Harry
 - **Hermione's voice from Deluminator**
 - Heard Hermione's voice from Deluminator when she mentioned his name abt being unable to fix Harry's wand
 - Used it and ball of light went inside him → enlightenment, knew where to find H&H
 - Apparated to snowy mountains where H&H were, but couldn't hear or see them b/c of protective spells
 - Apparated to this Forest of Dean
- Pronouncing V's name breaks protective spells (DE's use this to locate Order members)
- **Oottery St. Catchpole** - ask XL abt Grindelwald symbol
 - **Erumpent horn** - dangerous, explode upon touch
 - "Grindelwald symbol" = **Deathly Hallows symbol**
 - **The Tale of the Three Brothers** in *The Tales of Beedle the Bard*
 - Three brothers use dark magic to cross river
 - Death stops them halfway (b/c they were supposed to die) → gives oldest brother **Elder Wand**, middle brother **Resurrection Stone**, third brother **Invisibility Cloak**
 - Death kills oldest brother w/ Elder Wand while sleeping
 - Death kills middle brother by suicide after realizing his resurrected lover acted like a ghost
 - Death never found third brother, died of old age after giving son the cloak
 - **Deathly Hallows** (Elder Wand, Resurrection Stone, Invisibility Cloak)
 - If combined → owner can conquer death
 - Elder Wand
 - To be true owner, must defeat previous owner (kill/disarm)
 - **Peverell** family (name on grave in GH w/ DH symbol)
 - Three Peverell brothers theorized to have been three brothers in tale: **Antioch, Cadmus, Ignotus Peverell**
 - **XL betrayal + Luna being hostaged**
 - Harry finds paintings of him, Ron, Hermione, Ginny, Neville in Luna's room → realizes no one's been in the room in ages
 - Luna being held hostage by ministry b/c XL supported Harry in *The Quibbler*, XL called ministry to come capture Harry

- Escape after Hermione created hole in ground to fall through (she & Ron in cloak) so ministry could see Harry → know XL wasn't lying → spare XL's life
- **Harry's theories**
 - Sorvolo Gaunt said that his ring was from Peverell family, there was a stone on it (Resurrection Stone?)
 - Ring inside snitch?
 - Dumbledore borrowed invisibility cloak the night Harry's parents died → inspected it to check if it was Deathly Hallow?
 - Harry descendant of 3rd Peverell brother
 - V is after Elder Wand but doesn't know that it's a deathly hallow
 - Why he captured Ollivander, killed Gregorovitch
- **Potterwatch** - radio program by Lee Jordan, gives actual information instead of propaganda e.g. other ministry programs
 - Ted Tonks died
 - Connect to outside world for 1st time in long time
- Harry says V's name → caught by Greyback's Snatchers
 - Dean and Griphook (goblin) captured too
 - Hermione spell on Harry to make him unrecognizable temporarily
- **Taken to DE HQ (Malfoys' home)**
 - DE's trying to determine if real Harry or not → Draco keeps saying "I don't know"
 - Taken to basement w/ Ron, Dean, Griphook; Hermione interrogated (tortured)
 - Encounter Luna and Ollivander
 - BL thinks they infiltrated her Gringotts chamber to yank sword → ask Griphook → Griphook caps, saves H&R&H
 - **Pettigrew killed by own silver hand**
 - After hesitating to kill Harry
 - V enchanted it to strangle him if he showed slightest hesitation in following orders
 - DD predicted "*The time may come when you will be very glad you saved Pettigrew's life*" (Harry prevented Lupin & Sirius from killing him in 3rd book)
 - Dobby comes to apparate Ollivander, Luna, Dean away → comes back and apparates w/ H&R&H → dies by dagger wound under starry sky close to Shell Cottage
 - "*Here lies Dobby, a free elf*"
- **Shell Cottage**
 - Weasleys + Ollivander moved from The Burrow to Muriel's house (DE's know Ron is w/ Harry)
 - **Griphook interrogation**
 - Harry wants to infiltrate BL's vault, another horcrux in there? (cup)
 - Griphook wants sword in exchange → Harry agrees to give it once all horcruxes all destroyed (not specified, of course)

- Has to be careful b/c goblins believe that true owner of object is fabricator, wizards are nothing more than robbers
- **Ollivander interrogation**
 - Told V that bond between his & Harry's wands can be broken by using another wand → borrowed Lucius' wand
 - Told V that Gregorovitch had Elder Wand
- Grindelwald was robber that stole Gregorovitch's Elder Wand → rose to power, DD realized he was only one that could stop him → duel → Elder Wand is in Hogwarts now (DD is owner)
- Harry godfather of **Edward "Teddy" Remus Lupin** (named after Ted Tonks)
- Yanked BL, Draco, and PP's wands
- V snatches Elder Wand lying on DD's corpse in grave...
- **BL's vault infiltration**
 - Hermione polyjuice to BL, Ron disguised via Hermione's spells, Harry & Griphook under invis. cloak
 - Meet DE **Travers** → Harry imperius on him and goblins to pass identification (goblins were warned that ppl might imposter BL)
 - Polyjuice/imperius nullified by **Thief's Downfall**
 - BL treasures protected by **Flagrante** and **Gemino** spells → multiply and catch fire every time they were touched
 - Yanked Hufflepuff's Cup on top of pile → escape on **Gringott's Dragon** → jump into lake
 - Lost sword to Griphook
 - **V vision**
 - Harry entered V's mind, finds out a horcrux is in Hogwarts
 - V wants to check all horcrux hiding places to make sure they're there → H&R&H go to Hogwarts
- **Hogwarts**
 - Saved from DE's by Aberforth (Hog's Head bartender)
 - Aberforth had other half of Sirius' mirror from DD → sent Dobby to save Harry in Malfoy's home
 - **Truth about Ariana's childhood**
 - Tramatized after getting bullied by 3 muggles after forcing her to teach them magic but not being able to do it → Percival (father) sent to Azkaban for muggle assault
 - Couldn't control magic → accidentally killed Kendra (mother)
 - Aberforth fight w/ DD & Grindelwald → Ariana dies somehow during fight
 - Ariana painting brings Neville → leads H&R&H to RoR w/ other Hogwarts friends
 - Carrow catches Harry & Luna in Ravenclaw commons → invokes Death Mark
 - Percy appears calling himself an idiot, back on good terms w/ family
 - Ron & Hermione go to Chamber of Secrets → take basilisk fang and destroy Hufflepuff's Cup
 - Ron entered by imitating Harry's parsilisk noises until it worked
 - Ron & Hermione kiss 🍷

- **Search for Ravenclaw's Diadem**
 - *"Wit beyond measure is man's greatest treasure"*
 - **Grey Lady's story** (Ravenclaw ghost)
 - **Helena Ravenclaw** (daughter of **Rowena Ravenclaw**)
 - Stole diadem from mother, told Tom Ryddle where it was
 - **The Bloody Baron** (current ghost) was sent to take her to visit her mother on deathbed → hid diadem in Albania
 - BB stabs Helena → suicides afterward
 - Harry realizes V hid diadem in Hogwarts on night he asked DD for position → diadem is in **The Room of Hidden Things** (RoR)
 - Same place where he hid old Half-Blood Prince's potion book
 - Encounter Draco + Crabbe + Goyle
 - Crabbe invokes **Fiendfyre** → burns everything up → he dies in his own fire, Harry saves Draco + Goyle using brooms
 - Diadem already destroyed by fire
- Fred, Tonks, Lupin deaths
- **Whomping Willow (Snape's death)**
 - V realizes Elder Wand won't work b/c/ Snape was one who killed predecessor (DD)
 - V orders Nagini to kill Snape
 - Harry extracts silvery substance from Snape
- **Pensieve - Snape's memories**
 - Snape introduced Lily to magic world
 - Petunia's hate for magic
 - Didn't get invited to Hogwarts like Lily
 - Lily & Snape reading her rejection letter → all wizards are snoops
 - Shared Hogwarts Express compartment w/ Lily, James, Sirius
 - **DD & Snape's plan to protect Harry**
 - Snape told V prophecy b/c thought it was about Lily
 - DD: If you truly loved Lily, you'd protect Harry → Snape agrees
 - DD told Snape to kill him to protect Draco
 - Didn't want to ruin Draco's innocence by letting him kill DD
 - Draco's mission to kill D was punishment for his parents, V never believed he would actually complete it
 - Part of V's soul was in Harry → only way to beat V was V killing Harry himself
 - Real reason why they protected Harry
 - Give real sword to Harry with deer patronus
- Harry opens snitch by telling it he's on the verge of death → gets Resurrection Stone → goes to Forbidden Forest (where V is) accompanied by Lupin, Sirius, James, Lily
- **Forbidden Forest**
 - V "kills" Harry w/ Elder Wand (but Harry was true owner, so didn't actually die)
 - **Afterlife in King's Cross - talk w/ Dumbledore**

- No glasses, no scar, helpless whining creature
- Harry is the 7th horcrux
- As long as V is alive, Harry is alive
 - V resurrected his body using Harry's blood
 - V's body has tiny part of Lily's spell (as long as that spell is still alive, Harry will never die)
- **DD's past**
 - DD was greedy, power-hungry young boy w/ Grindelwald who wanted Deathly Hallows
 - Fought w/ Grindelwald b/c Grindelwald didn't want DD to pursue DH's with ill sister
 - Rejected minister position b/c didn't trust himself w/ power
- Harry is real master of Deathly Hallows - used them not for power, but with humility
 - True owner wouldn't be scared of death
- DD knew V would look for Elder Wand after he lost duel to Harry in Little Hangleton (labyrinth)
- V asks Narcisa to confirm if Harry dead → whispers to Harry if Draco is still alive → Harry says yes → Narcisa lies and says Harry is dead
 - Only way to go to Hogwarts and find Draco
- **Harry is real owner of Elder Wand**
 - Draco became EW owner when he disarmed DD (unbeknownst to him)
 - Harry disarmed Draco later on and took his wand → ownership became Harry's
- Shacklebolt new minister
- Harry uses Elder Wand to fix old wand → puts it back in DD's tomb
- Resurrection Stone lost in forest
- **19 Years Later**
 - Harry + Ginny's kids
 - James - prankster, much like original James Potter
 - Albus Severus - cautious, thoughtful
 - Lily
 - Ron + Hermione's kids
 - Rose, Hugo
 - Draco's kid
 - Scorpius
 - Neville is herbology professor