

00'00"	Einstein: "Dear friends, present and absent! The source of all technical acquisitions is the divine curiosity and the play instinct of the experimenting and pondering researcher and no less the constructive fantasy of the technical inventor."
00'22"	Music: David Bowie: Rebel rebel
00'27"	Title: "Einstein" genius, rebel, funny fellow
00'54"	Wapnewski/Einstein: "But still, for a person who is bent by age, death is a relief. I can vividly feel it, since I got old myself and I consider death a debt that one finally pays. But instinctively, you do anything to postpone this last fulfilment. That is the game that nature plays with us."
01'25"	Music: Bob Dylan: Not Dark Yet
01'41	Text: Princeton, America, 1955 April 18 th : Death of a great master of intellect
01'50"	Wapnewski: Miermeister:" Peter Wapnewski, what is a genius?" Wapnewski: "Well, this question compels us to open a broad field. The genius par excellence cannot be easily defined, unless one is satisfied with the surely correct assumption that after the appearance of a genius the world is not the same as before. The genius changed the world, in whatever way, but the crucial things are surely the original and transforming ones"
02'29"	Reich-Ranicki: "Albert Einstein was an extremely cranky, strange man. He once said, ordinary people do not become genius and genius people are not ordinary"
02'43"	Laurien: "Out of Einstein's amazement grows a duty to his fellow human beings. This is an important and freeing message for all those, who do not believe in God, but in a reality above this reality. While arguing about God, Einstein once said: 'We cannot just stand by and let God do the work.' This attitude towards readiness to help is the message of a great man."
03'15"	Text: And this is his story, the story of an eternal child: Albert was born in Ulm by the Danube on the 14 th of March in 1897 – a Pisces! Albert's mother Pauline is a gifted pianist. His father Hermann Einstein is a salesman. He connects with his sister through early amazement – curiosity.
03'43"	Wapnewski/Einstein: Recited by Peter Wapnewski: "This 'wondering' seems to come up, when an experience comes into conflict with our fixed understanding of concepts. When such a conflict is experienced hard and intensely, it reflects onto our world of thought...a wonder of this kind I experienced as a child when I was 4 or 5 years old, when my father showed me a compass. That the needle behaved in such a specific way did not fit the kind of events that are part of our subconscious understanding of concepts (movement is linked to touching). I still remember – or I believe to remember – that this event left a deep and remaining impression on me. Something had to be behind it all, something that was deeply hidden. One does not react in such a way to something one knows since childhood. One does not wonder about matters falling down, about wind and rain, not about the moon and that it does not fall down, not about the difference between living things and non-living things."
05'10"	Text: 1880: The Einsteins' move to Munich
05'21"	Wapnewski/Einstein: "When I was age 6 to 14, I was taught to play the violin. I was not lucky with my teachers, because for them music was nothing more than a trade. I started to learn more when I was about 13 years old, after I fell in love with Mozart's Sonatas. The ambition, to interpret them reasonably well in their artistic content and unique grace,

	inspired me to improve my technique that I gained from these Sonatas. This without practicing them systematically. I generally believe that love is a better teacher than duty. At least for me that is true.
06'14"	Reich-Ranicki: "People like to mock about Einstein's relation to music. People like to say: 'He was also a violinist – but a bad one!' Well, it is true. He was not a master in playing the violin. And those who played in a quartet with him often had a hard time. The great German pianist Arthur Schnabel, who once practiced a violin sonata with Einstein and was displeased, because Einstein would not stick to the rhythm, interrupted him and asked him reproachfully: 'Tell me, can't you count?'"
07'01"	Wapnewski/Einstein: „Science is also worth something, no violinist is fed so well"
07'15"	Text: After receiving private tuition and attending a catholic public school in Munich, Albert attended a Secondary school.
07'23"	Wapnewski/Einstein: "When I was in 7 th grade at the Luitpold school, my class teacher approached me and uttered his wish that I should leave school. When I replied that I didn't do anything wrong, he simply answered: 'Your very attendance spoils the respect of the class for me.' I myself desired to leave school to follow my parents to Italy. But the main reason for my leaving school was the spiritless and mechanical methods of teaching there, that gave me a hard time, since it was difficult for me to memorise words. It did not seem to make sense to overcome this. I rather took any kind of punishment than having to babble things I had learned by heart.
08'19"	Text: In 1894, the Einstein family emigrates to Milan. At age 16, Albert attends the canton school in Aarau and after a year he gets his matric: In Switzerland, the best grade is a 6. In Zurich he studies mathematics and physics at the 'Polytechnikum' and falls in love with a fellow student from Serbia, Miléva Máric. He gently calls her 'Witch' and 'Alleyboy'. As romantic singer he is persistent, but not much as a student.
08'53"	Wapnewski/Einstein: "I soon realised I had to be content with being a mediocre student. To be a good student, one had to be able to grasp things easily; one had to be willing, to fully concentrate on everything that was presented; one had to be very orderly and take notes during the lectures and later carefully study everything. I regretfully realised that I did not have any of these characteristics. Bit by bit I learned to make peace with living with a rather bad conscience and to organise my studies according to my my interests and intellectual stomach. Some lectures I followed with a tense interest. But during the others I skipped class a lot and at home I studied the masters of theoretical physics with great eagerness."
09'58"	Text: The selfmademan and loner Einstein looks far beyond the horizons of natural sciences, reads philosophy, makes music with his sister Maja and especially admires Goethe.
10'12"	Reich-Ranicki: "I admire Goethe as a one-of-a-kind poet and as one of the wisest men of all times. Also his scientific thoughts, as Einstein says, deserve a lot of respect. And his mistakes are the mistakes of a great man."
10'33"	Text: Zurich, turn of the century: Diploma as a technical instructor. Author of the famous annals of physics. But, not only our genius but also the whole world is at the point of a break-up, the soul of the world is troubled. It is a time of researchers, inventors, heroes of the mind. But Einstein knows: We, even the great masters, are glow-worms when it comes to God. We are ants in the universe, heroes for a day."
10'58"	Music: The Wallflowers / Jacob Dylan: Heroes
13'06"	Text: The modern heroes of childlike and divine curiosity but also simple needs lead him to Winterthur: Temporary employment as teacher.

	The new Swiss citizen emotionally and touchingly thanks his promoter, the historian professor Albert Stern from Zurich.
13'26"	Wapnewski/Einstein: I am overjoyed, because today I received the news, that everything is definitely settled. I have no idea, which friend has recommended me, because from what I was told, none of my former teachers think much of me...But this is for sure, no one has approached me like you have. I often came to you in a sad and bitter mood and found friendliness and inner balance again. I have to add that I know I'm a funny bird, so that you don't laugh at me too much, and that without a bad stomach or something like that I have no talent to become melancholic...I will go over the Splügen-pass by foot the next days, to combine my enjoyable duty with more delight."
14'33"	Text: From 1902, Bern becomes fruitful grounds for him for 7 years. His friend Marcel Grossmann restores an employment at the patent office for him. Only after his father died, he married Miléva, who gives birth to their sons Albert and Eduard. Their daughter Lieserl dies at an early age. Then, Einstein's scientific year of wonders: 1905: an almost frightening explosion of genius – direct line to the lord?
15'06"	Wapnewski/Einstein: "When I ask myself where it comes from, that it was me who found out about the rule of relativity, I can answer it this way: The average adult does not think about space-time-problems. They believe, that whatever there is to think about, they thought about it as a child. But I developed so slowly, that I started to wonder about space and time when I was grown-up. Naturally, I went deeper into the topic than the usual child would have."
15'56"	- ist Englisch
16'52"	C.F.v. Weizsäcker: "There is the famous so called twin-paradox that says if there are two twins, and one of them would be put into a rocket that goes off and comes back in the speed of light, and he would then come back to his brother, in that case his brother would be older than he is. And also his watch would say he hadn't spent as much time. Even we cannot imagine this and it is one of the little consequences of the theory of relativity."
17'29"	Text: In Prague he finally becomes a professor – after a doctorate and lectureship in Switzerland.
17'35"	Klaus Wagenbach: "Being asked as Mr. Kafka's widow, what the relationship between Kafka and Einstein was, I have to say that it wasn't a lot, but apparently impressive. About 1910, Kafka regularly went to the parlour of Bertha Fanta. Also the young private lecturer Einstein used to go there. If I remember it correctly, he was having his first professorship in Prague. Kafka didn't only know him personally, but also his friend, Professor Hopf, gave lectures on the theory of relativity. This lasted for a whole winter, so Kafka didn't only know him, but he also had an influence on him. In his work you will notice a lot about time shifts and that was Einstein' influence on Kafka."
19'02"	Text: In 1914 the Professor for theoretical physics responds to a call to Berlin – to the Prussian academy of sciences. But he is contemptuous of militarism and war.
19'16"	Wapnewski/Einstein: No human being has the right to call himself a Christian or Jew if he is ready to listen to the commands of authorities to systematically murder, or if he lets misapply himself to support the preparation of this."
19'36"	Text: The Berlin years of the restless rebel: light and shadow, time of muses and melancholies: Separation from his wife Miléva and his sons. Heavy illness. Wedding with his cousin Elsa. Death of his beloved mother Possessed research – but there is always time for art and artists like Anna Seghers, Käthe Kollwitz, Max Liebermann.

	Without the muses, without music, he has no courage for new thinking.
20'03"	Reich-Ranicki: "When he first heard Jehudi Menuhin – he was still a boy at that time - in Berlin, Einstein said: 'Now I believe there is a God.' This comment only improves...It wants to say something else, it wants to say: 'The music this Manuhin plays is so glorious, so ingenious, that I have no other words for it. All I can say is that it's divine, it's the best human fantasy can imagine."
20'45"	Inspiration, context are also wild nights in Berlin Einstein's wild, perky, jolly science
20'55"	Wapnewski/Einstein: If you sit together with a nice girl for two hours, you believe it was only one minute. If you sit on a hot stove for one minute, you believe it was two hours. That's relativity.
21'15"	Text: And Einstein is a relative husband: he doesn't only desire his wife, but also other women, he knows the joys and pains of love.
21'27"	Music: Bob Dylan, Standing In The Doorway
22'40"	Peter A. Bucky: To tell a long story shortly: He loved to be accompanied by a beautiful girl or a beautiful woman. He had girl-friends throughout his life, even when he was married. In Berlin it was a middle aged lady, she was very wealthy. She visited Einstein once a week and Mrs. Einstein used to leave the house and go shopping in Berlin that day, so she wouldn't stand in the way. He said, the upper part of our body did the thinking, while the lower part decided our destiny. Sa you can see, he didn't know any constraints, the talked like he felt.
23'27"	Miermeister: "Goethe and Einstein both loved women. They both had affairs while being married. Do especially geniuses need women as muses for their work?" Reich-Ranicki: No, you can't put it this way. First of all, that Goethe and Einstein loved women a lot, oh God, and which genius doesn't? And when we are talking about Goethe, we also have to mention Schiller, who lived with two women at the same time, who in addition were sisters. No, it's just that genius people are being observed by their surroundings. Everybody is interested in the lives of genius people and that includes their relation to women. That it differs so much from other people's lives might be because genius people believe, they don't really have to regard rules and social conventions of civil life."
24'36"	Text: There are rumours; Einstein had a daughter with a dancer who has been put up by his son Hans Albert. True is: Only later in his life his works took priority over his Eros.
24'48"	Wapnewski/Einstein: "As long as you are young, all your thoughts go to love – later all your love goes to thoughts."
25'02"	Wapnewski/Einstein: "I'm a real loner, who never really belonged to the state, the homeland, to a circle of friends and not even to the family with all his heart. I have always had a feeling of strangeness about these bonds and these feelings wouldn't calm down, I always felt the need of loneliness. These feelings became more intense the older I got..."
25'32"	Reich-Ranicki: For god's sake, there are so many people that are easy to get along with – only, we don't owe anything ingenious or enormous to them. So you should forgive the geniuses little human mistakes."
25'47"	Wapnewski: "I am always annoyed by this big poster, that we all know, on which he is shown with his tongue stuck out like he was a nice old good uncle who wants so play with us. That is alright and he surely in a way was this uncle. I believe he had a childlike heart, but this childlike heart was in a way the blessing of a genius intellect. I believe one can say he has a gentle and warm-hearted mentality. We know this from his letters, especially those to his sister and his pity when someone is close to death."
26'36"	Text: 1919: in Berlin and worldwide:

	<p>a cult of this genius border crosser after the empirical proof of his theory of relativity: It predicted a change of direction of rays of a star within the sun's gravitational field. He became a honorary doctor at many institutions.</p> <p>Lecture tour all around the world, in 1921 for the first time in the USA</p>
27'03"	Ist Englisch
27'24"	<p>Ambassador: What do you think of prohibition now, professor?</p> <p>Einstein: I don't drink so I don't care.</p>
27'24"	<p>During a tour through Japan, Einstein gets to know about his Nobel prize in physics for the year 1921, which he received for discovering photoelectric effects in 1905. The researcher in the tower telescope near Potsdam is now definitely the spiritual leader of world sciences – a myth. The person Einstein stays in his summer house in Caputh at the Templiner lake: He enjoys the silence, does not have his own telephone, but uses the one of their neighbours. Einstein likes to eat dark rolls – his bread is called 'Tümmeler' – sails a lot: with the beautiful and the famous. But class conceit is unknown to him, he even dislikes it violently. His trusty postman – once more in his historical uniform – likes to remember the extraordinary inhabitant of Caputh.</p>
28'20"	<p>Postman: "He was a really humane man. Yes he was. He invited me to go sailing with him, with a sailboat."</p> <p>Question: "The post came from all over the world that you...?"</p> <p>Postman: "It came from all over the world, yea. He received letters from Chaplin and Albert Schweitzer. One was curious and could see the sender."</p>
28'44"	<p>Text:</p> <p>London, 1930: genius praises genius</p>
28'49"	Ist englisch
29'24"	1932 Einstein speaks his 'credo' for the German league of human rights.
29'31"	<p>Einstein:</p> <p>"Belonging to those people who may and can dedicate their power to the observation and research of objective and not time bound things, is a special gift. I am very happy and thankful that I received this gift, that basically makes you independent from personal fate and behaviour of other people. But this independence may not make us blind for the awareness of duties, that tie us down to the former, recent and future mankind. Our status here on earth seems strange. Everyone of us unintentionally and unbiddenly appears for a while without knowing why and what for. In our everyday life we just feel that we are here for other peoples sake, for those who we love and many others fated to be with us."</p>
30'31"	<p>Laurien:</p> <p>The thought of to what extent his work is based on other people's work depresses him. But on the other hand he says: ' In everyday life we feel that we are here for other People' sake.' That way this depression becomes a duty and a chance. This stands against the Nazi-doctrine of this time and of course shows a connection to Bonhoefer: Being for others. Caterina from Siena, a church teacher from the 14th century accused God of not having created us completely and He tells her he didn't give one person everything, but every person something, so you realize you need one another. "</p>
31'21"	<p>Wapnewski/Einstein:</p> <p>My religion is the humble worship of an infinite spiritual being of a higher nature, that announces itself in the smallest details that we are able to understand with our weak and insufficient senses. This deeply felt believes of the existence of a higher power of thinking, that manifests itself in the unresearchable universe, is the content of my image of God."</p>
31'57"	<p>Einstein:</p> <p>"The most beautiful and the deepest a human being can experience is the feeling of the mystical. This forms the basis of religion as well as the deeper striving in arts and sciences. Who has not experienced this appears to me as blind or even dead. Religiousness is to feel that behind the things we can experience are things that we cannot grasp with our minds. The beauty and sublimity of these things of these things only reaches us indirectly and in a weak reverberation. In this sense I am religious. It is enough for me to wonderingly foreshadow these secrets and try to in humbleness mentally grasp a feeble image of the sublime structure of the being.</p>

32'49"	Text: Into the harmonic silence of the Mark Brandenburg, Landscape Fontanes, the noise of the Godless, the demons, the evil.
32'59"	Goebbels: "They should be careful! One day our patience will run out and then the lying yap of the jews will be stuffed!"
33'14"	Wapnewski/ Einstein: "Two things are eternal: The universe and human stupidity. Though, the universe I am not too sure about yet."
33'28"	Text: 1933: Einstein lectures in America. Hitler rules Germany. Einstein preaches freely: I will never go back. Revenge of the Nazis: Expatration, deprivation of all his goods. In Princeton he finds work and a home. Everywhere in Amerika: triumphant, emphatic welcome. He uses Fame and attention mainly for the threatened destiny of the jewish community.
33'54"	Einstein: "Dear friends, I was so covered with flowers, that it is very difficult for me to bring to you my humble words, but I do it in German: The meaning of the University of Jerusalem, for the Jews is raised, due to the denial of access to sciences as well as scientific careers.
34'27"	Reich-Ranicki: "That he was hated as a Jew, envied as a Jew, Einstein was always aware of. Among other things he said, so well: If I remain right with my theory of relativity, the Germans will say I am a German and the French, I am a citizen of the world. Should my theory be proven wrong, the French will call me a German and the Germans will call me a Jew.

35'34"	<p>Wapnewski:</p> <p>Miermeister: „Is there a connection for Einstein, between genius and Jew?"</p> <p>Wapnewski: „I am sure that it goes together. World history, to be vague, has driven the Jews, the jewish nation to be genius. This, since two thousand years persecuted population, could only prove itself against constant threats, by developing eminent spiritual strength and artistic talents. And truly, in amazement we discover today, even with Einstein, this true inner connection to, well I think he says 'to the Jewish people'. At the expression folk we get insecure, but 'race' seems even worse. It is none the less a close, internal consciousness of belonging to Judaism for him. And this feeling was naturally sharpened immensely by what his Germans did to his Jews."</p>
36'13"	<p>Text:</p> <p>Also in America: Deep connection with actors, poets and philosophers.</p> <p>Friendly dialogue with Chaplin and other heroes of the time:</p> <p>Sigmund Freud teaches him: Delight about ones success in research, as ecstatic joy of lovers and mystics, has painful times too:</p>
36'33"	<p>Wapnewski/ Einstein:</p> <p>"The book clearly shows me what I fled from, when I committed myself body and soul to science: Flight from the 'I' and 'We' to the 'It'..."</p>

36'47"	<p>Reich-Ranicki:</p> <p>"This massive egoism and egocentrism of great artists, authors and philosophers does not make working with them easy, but without this egocentrism they would never have managed these extraordinary master pieces.</p>
37'09"	<p>Text:</p> <p>Reunion with Thomas Mann and family during the emigration. The Poet admires Einstein's placidity, modesty and childlike behaviour. Klaus Mann (Son) gushes of the deep look in his stargazed eyes.</p>
37'24"	<p>Wagenbach:</p> <p>"Einstein was a funny man. Whenever the Mann family saw him, Klaus Mann went to him and asked him for an autograph and Einstein just replied, probably in a somewhat Berlin accent: I am not Greta Garbo."</p>
37'50"	<p>Text:</p> <p>But Hollywood, all of America would have lost out without the Jewish and non-Jewish emigrants, who took refuge even if it is not home, in the land of freedom.</p>
38'01"	<p>Einstein (Englisch with German translator):</p> <p>"Without this kind of freedom there would be no Shakespeare, no Goethe, no Newton, no Faraday, no Pasteur and no Lincoln."</p>
38'19"	<p>Text:</p> <p>Princeton, December 1936:</p> <p>Wife Elsa dies.</p> <p>1939: The Pacifist, Einstein, goes against his belief. In the presence of Fascism he warns President Roosevelt of the danger of a German atomic bomb. Greatful for the warning, the president follows the advice to build an American atomic bomb. After the drop of the bomb Einstein regrets his actions and urges for peace in the Cold War.</p>
38'47"	<p>Einstein (Englisch with German subtitles):</p> <p>"On the horizon appears the Hydrogen bomb as an achievable goal. Its fast development was cerimoniously announced by the president. If it is successful, the radioactive contamination of the atmosphere and therefore destruction of all life on earth is in the reach of technical possibilities."</p>
39'19"	<p>Text:</p> <p>The warner of new up coming world wars and world destructions comes - as before him, his friend Robert Oppenheimer - to the attention of the US Secret Service: File Dr. Einstein:</p> <p>Here neither his American citizenship nor his Judaism protects him.</p> <p>Though, he does not want to live in the holy land either. Even though he promotes Zionism, celebrates the formation of the state of Israel and shares the happiness of the Jews.</p> <p>Einstein declines Ben Gurion's plea to become second president of Israel, after Chaim Weizmann.</p>

39'55"	<p>Wapnewski/ Einstein:</p> <p>"Work is not going as well anymore, I do not finish much anymore and have to settle for having to play the old Excellency and the Jewish holy man - especially the holy man..."</p>
40'13"	<p>Text:</p> <p>Death of the beloved sister. Along with Maja dies the enjoyment of playing violin.</p>
40'18"	<p>Wapnewski/ Einstein:</p> <p>"In the previous years I read to her from the finest books of new and old literature. Her intelligence had suffered amazingly little from the well advanced illness, although in the end she could not speak audibly anymore. Now I miss her beyond belief and at the same time I am so relieved that it is all behind her."</p>

40'59"	Wapnewski/ Einstein: "Violin is a thing of the past for me. As the years went by I just could not stand the self-taught notes anymore. What stayed was the constant work on the difficult scientific problems. This fascinating magic will stay to my last breath..."
41'36"	Wapnewski/ Einstein: "I want to leave whenever I want. It is vulgar to technologically prolong life. I have done my part, it is now time to go. And this I want to do elegantly."
41'58"	Wapnewski/ Einstein: "If I knew I had to die in three hours, that would not impress me much. I would think of how best to spend those three hours, then calmly organise my papers and peacefully lie down."
42'23"	Text: Last pictures, 1955. One night in April the vessel of death brings the fearless into the heavenly Jerusalem. Last words - in German Einstein's brain: crumbles. His ash: scattered. Death of a wise man.
42'41"	Wapnewski/ Einstein: "What is the point of our lives, the point of any living creature at all? Knowing an answer to this question means: being religious. You ask, does it even make sense to ask that question? I answer: he who finds his own life and that of others pointless, is not only unhappy but also barely able to live."
44'26"	Abspann als „crawl“, O-Ton-Musik: Bob Dylan: Not Dark Yet Einstein Genius, Rebel, humorous fellow
	Ein Portrait-Essay von Jürgen Miermeister
	Kamera Uli Köhler
	Schnitt Kyo Mali Jung
	Kamera-Assistenz Albrecht Kindel
	Ton Andreas Blum Axel Lischke
	Licht

	Torsten Demuth Wolfram Hensel
	Sprachaufnahmen/ Tonmischung Rainer Ahrens
	MAZ-Technik Lukas Spörl
	Redaktionelle Mitarbeit Werner Schneider Vanessa Tröhler
	Mitarbeit Laura Janssen
	Regie-Assistenz Ana Lessing
	Produktion Dierk Sommerer
	Redaktion Engelbert Sauter
	Filmmusik David Bowie: Rebel Rebel Bob Dylan: Not Dark Yet Bob Dylan: Standing In The Doorway The Wallflowers: Heroes (lead vocals: Jacob Dylan) Johann S. Bach: Konzert in d-moll (Violine: Yehudi Menuhin) W.A.Mozart: Violinkonzert Nr. 7 D-dur
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