

God Does Not Play Dice



A fact-based drama about the young and would-be-famous scientist, Albert Einstein, at a critical point in his young life as he starts to formulate his innovative world shattering ideas.

ALBERT & MILEVA EINSTEIN

Study Guide

K4275DVD



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Study Questions

To be proposed before or after viewing the program.

- 1) Was young Albert Einstein the sole creator of his *Theory of Relativity* and related innovative breakthroughs in 1905?
- 2) Why is it that the pictures of Albert Einstein before 1905 showed arrogance and those after revealed humility?
- 3) Why was Albert Einstein still working as a third class patent clerk in 1905?
- 4) **What was young Albert Einstein's relationship like with:**
 - a) His co-workers.
 - b) His wife.
 - c) His children.
 - d) 'Common' people in general.
 - e) The Universe (Nature)
 - f) The Creator of the Universe/Nature (God)
- 5) How did these relationships change during the telling of the story, and his later life?
- 6) Why was Albert Einstein obsessed with understanding the ***Real Nature of light***, and how did he resolve the views that some considered it a wave of energy and others thought it to be a particle?
- 7) How is the idea that "mass and energy are interconvertable," explained by the famous $E=Mc^2$ equation? Did it perhaps have a Spiritual inspiration as its source?
- 8) The 'law' of gravity...that what goes up comes down. Why did Albert Einstein resist it as negligible so much in his mathematics and theories? What were the results when he considered it as a possibility?
- 9) The Theory of Relativity holds that time and space cannot be measured by an absolute unchangeable yard/meter stick, and that how fast/long someone moves depends on which direction they are moving in relative to the observer. But why did Einstein consider that the speed of light was constant? And what would happen to objects, and our perception of them, as they approached the speed of light?
- 10) Was young Albert Einstein emotionally and psychologically stable? What made him feel at home, and what threw him off balance? Were these the same with his wife?
- 11) Could Albert Einstein have had Asperger's Syndrome (high performance autism, where subject lives in his own world and can't feel empathy like 'normal' people do)? Why was he always a loner? Did he need people, or merely think he needed them?

- 12) What kinds of scientific mistakes did young Albert Einstein have to stop making prior to his coming up with his most brilliant discoveries?
- 13) Did young Albert Einstein have a sense of humor? Was he a geek, nerd and/or dork? How did connecting to a sense of humor in Einstein release his real greatness?
- 14) How much of the Albert Einstein genius regarding science and humanity come from his wife, Mileva?
- 15) Why did Mileva give up the first child she had with Albert? Why did she have more children with him? Did any of their children follow in their parent's footsteps?
- 16) Why did scientific collaborator Mileva Einstein's name not appear on any of Albert Einstein's publications?
- 17) If YOU were assigned to the job of being a marriage councilor to Albert and Mileva Einstein, what would you have done or said that the wise-beyond-his-station Janitor didn't?
- 18) **What were young Albert Einstein's suggested 'cures' to:**
 - a) End wars between people and nations.
 - b) End world poverty.
 - c) Use science to unite nations for collective benefit.
 - d) Establish sustainable World Peace and Justice.
- 19) How many of them did he follow through with in his later life?
- 20) From where, and who, did Albert Einstein get his scientific ideas? Did he know, or acknowledge, those sources?
- 21) In his later life, Albert Einstein said that 'without Science, Spirituality is blind, and without Spirituality, Science is lame'. What did he mean by that? Did he know this as fact when we see him in this story? Did he learn it during this fact-infused reality-based story?
- 22) The above questions can also be addressed within the context of Einstein's later life, which is far better known, and written about by many biographers.