



## Day 2: Imagination





### Background scene:

Play this video in the background on a big screen, smart board, or laptop. Model Railway Layout with Steam Locomotive and Diesel Railcars from Prussia in HO Scale.  
<https://www.youtube.com/watch?v=kJHqWAa3fUw>



### Storytelling Role-Play: 5 sand dollars each (2 Students to help cut out props and 6 students to role play)

Choose 3 girl volunteers and 3 boy volunteers to be Albert, his mother, Maja, the boys at the entrance exam, and the professor. Tell students to listen for their parts.



### New word: 1-5 sand dollars

**Passion:** Our passion is our special dream and something we really, really enjoy doing. When we are passionate about something, we have so much fun doing it that we even forget how much time has passed because we're so interested in it. You could be passionate about reading, science, basketball or bugs. We should always find the time and space to chase our passions.

*\*Remind the students that they can earn a sand dollar if they tell you at the end of the story what the new word means. If they get it wrong remind them of the definition and have them try again in a few minutes.*

## Day 2 Albert Einstein: Imagination

Soon, Albert leaves the scowly headmaster behind and goes to meet his family. He has missed his younger sister, Maja. “Albert!” she shouts, and races to give him a giant hug.

His parents are worried he isn’t in the scowly school anymore. His mother cries and dabs her eyes with her handkerchief (**Handkerchief prompt, be worried**) at first, but Albert reminds them how important imagination is and promises them he will work hard on his studies.

Albert decides that even though he is only in high school he will try getting into a university in Switzerland that he is interested in. He has to take an exam and he is younger than all the other students. They look quizzically at the young boy humming to himself as he works. Even though he doesn’t pass it at first, he does very well in Science and Math.

“It’s okay,” he tells himself, holding his handy compass, “I’ll just work harder and come back!” He does! He works hard and writes an important scientific paper about magnets. (**Magnet prompt, use it to check what’s magnetic.**) At this school, he enjoys being able to ask questions and share his point of view.



Questions/Reading discussion: 1-5 sand dollars

**Ask:** Is Albert happy to see Maja?

Example: **Yes! He has missed her a lot.**

**Ask:** What was Einstein’s scientific paper about?

Example: **It was about magnets.**

## Day 2 Albert Einstein: Imagination

Einstein still loves exploring with magnets. He goes to university in Switzerland. (Ticket prompt, get on a train!) There, he falls in love and gets married to Mileva Maric, and later has two sons. He loves studying Physics.

Physics is the study of how things move through space and time. He likes imagining what would happen if things moved really fast—as fast as light, perhaps—and how planets and the solar system work. He calls these thought experiments, and he enjoys them very much.

After graduating, Albert tries to get a job as a teacher but has no luck. Some people ask him to give up, but he knows his **passion** is to study physics.



**Questions/Reading discussion: 1-5 sand dollars**

**Ask:** What is Physics?

Example: In Physics you study how things move through space and time.

**Ask:** Many scientists experiment with materials. Albert had what he called 'thought experiments'. What do you think a thought experiment is?

Example: I think it's when you might not be in that place, like outer space, or have materials you can touch and feel. But you can imagine what would happen like an experiment.

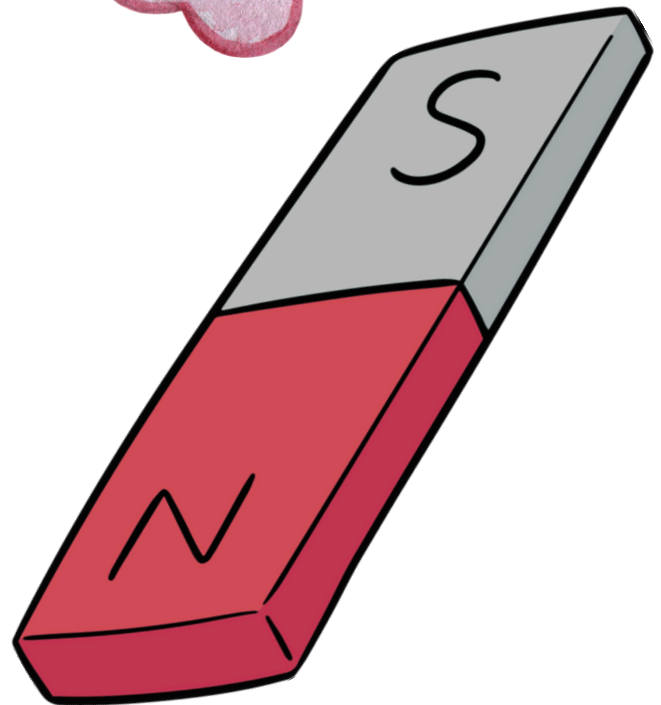
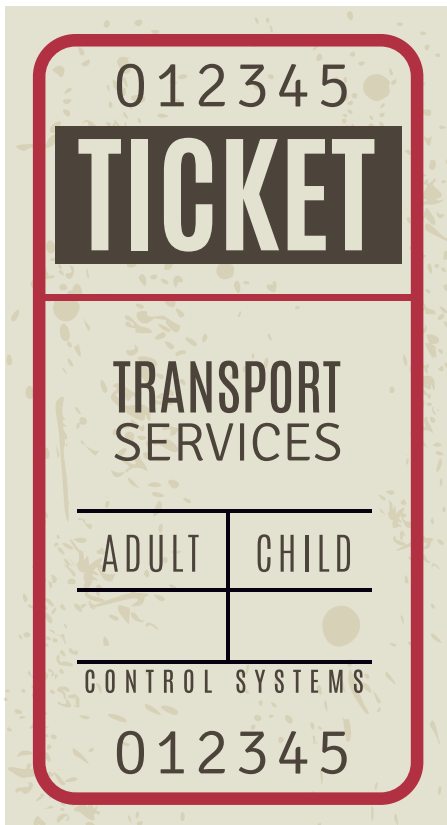
**Ask:** Do you think Albert is hardworking? Why or why not?

Example: Yes, I think he showed he was hardworking with the test. He also isn't giving up on his passion.

Cut out this handkerchief for Mother.



Cut out this ticket for Einstein.



Cut out this magnet for Einstein to explore.

**Pauline:** Dab your eyes and look worried.

**Albert:** Use the magnet to explore and check what is magnetic.

**Albert:** Take the ticket and board the train.