

See Science Everywhere (Lesson 2)

This lesson introduces students to one of the most famous scientists in history: Albert Einstein.

Pre-reading: It would be helpful to begin by giving your student a snapshot of who Albert Einstein was. The one found on the website below highlights several important biographical tidbits from Einstein's life.

<https://www.coolkidfacts.com/albert-einstein-for-kids/>

Vocabulary to introduce your child to before reading (though these terms are explained in the text):

- **Light**
- **Sound**
- **Magnetism**
- **Gravity**
- **Atoms**

Read the picture book *On a Beam of Light* by Jennifer Berne. Click on the link below to read the story.

[*On a Beam of Light*](#)

Activity 1:

Invite your student to explore atoms! Begin by showing your students what an atom looks like. Using pom-poms and a little craft wire, you will have your students constructing atoms in no time! Visit the blog below for easy-to-follow pictures and a kid-friendly explanation of what makes up an atom.

[Build Your Own Atom](#)

Activity 2:

Ask your student to imagine that they, like Albert, are riding on a beam of light. What are they visualizing on their ride? Ask them to draw a picture that shows what they are seeing as they ride along the beam. When finished, help them write a poem that describes what they saw.

Activity 3:

Einstein's story shows us the value of nurturing the imagination and the capacity to wonder. Allow students time to observe what is around them; let them think of questions about their own topics of wonder and curiosity. Have them record their questions in a journal or notebook. These questions can lead to further exploration of their world.