

Target Vocabulary

measure – patience – axis – universal scale – divide – second – minute – hour – motion – vibrate – atomic number – relativity – bend – time

Materials

Comics – Activity Book – Dictionary – Smart board – Laptop

Optional Materials

Photocopies

Warm up (5 min)

Take a picture of Einstein to your class. Ask your students some questions about him. Then, talk about the word 'relativity'. Write it on the board. Ask students to look up the dictionary to find meaning of the term. Have a group discussion on what the theory of relativity might be about.

Presentation (10 min)

First, ask students to listen to the recording silently without opening their book. Then, ask students to listen once more, but this time they follow the story on their comic book while listening to the recording. Later, 3 students will be selected and assigned a character. Then, they will read aloud their sentences.

While the students are reading, take notes of any pronunciation problems that you might notice.

Ask students to underline any unknown vocabulary items. Set up a routine for who will read the text, so that each week different students get a chance to read.

Practice (15 min)

Ask students which vocabulary items they don't know. Using the smart board application, explain the word meanings to the students. Remember using your comic book as a context to explain words as well.

Then, ask students to close their comic books and then ask the following questions to check their comprehension.


- What is the title of Episode 14? What is the main idea?
- Do you know anything about Einstein?
- What does Theory of Relativity mean? Discuss.
- What is your favourite part about the episode?

End of the Lesson (10 min)

Dictionary Game: Write the underlined words on the board. Choose 3 students to come to the board with their dictionaries. Tell students one of the words written on the board, and start the stopwatch. The students who finds the meaning of the word first would earn a point. The student who gets 3 points will be the winner of the game.

Homework: Activity Book, pages 12 and 13.

Extra activities

Show the pictures below to the students and ask them to find 5 differences between the two.  [WORKSHEET 141](#)

Warm up (5 min)

Start a whole group discussion on different types of measurements. Ask students some questions like “Do you think we can measure everything in life? Why?”.

Presentation (10 min)

First, ask students to listen to the recording silently without opening their book. Then, ask students to listen once more, but this time they follow the story on their comic book while listening to the recording. Later, 3 students will be selected and assigned a character. Then, they will read aloud their sentences.

While the students are reading, take notes of any pronunciation problems that you might notice.

Ask students to underline any unknown vocabulary items. Set up a routine for who will read the text, so that each week different students get a chance to read.

Practice (15 min)

Use the dialogue sheet below to practice the conversation. Ask students to repeat it with a friend. Later, they can come to the front and present it to their friends.  [WORKSHEET 142](#)

End of the Lesson (10 min)


Watch the video about the Theory of Relativity. Then, ask your students the following questions.

1. Einstein thinks that Space and time are parts of the same thing. TRUE - FALSE
2. Light is very slow in the universe. TRUE - FALSE



Homework: Activity Book, pages 14 and 15.

Extra Activities

1. Listen and write.  [WORKSHEET 143](#)
2. Ask students how old they were five years ago. Ask them to describe some of the things they can do now that they could not do then.

Project

How does a calculator work? Use the words below to explain it, take a video of it. Present it to the class.

add - subtract - numbers - divide - multiply - plus - minus - times - equals - total