



## How we see

### BOX NOTICE

Name of the activity	How we see
Activity duration	1 h
Material needed	How we see box, mirror, glass of water, paper, pencil, playdough, cardboard
Number of pupils involved (per box)	4

### Step 1: Introduction

Discuss the senses with your students and go in depth on sight. Talk to them about how we are able to see, and what is needed for that.

Explain the role of light and demonstrate how it travels and bounces off the object, before ending up in our eye.

### Step 2: Reflection of light

Examine a mirror reflection and talk about it in detail. Try to figure out if and how the reflected image differs from the original. To help the students perceive and understand it, play the “Be my mirror game”, where one of the students is the original and one is the mirror. This way it will be easier for them to figure out what is happening, and they will be able to understand how a mirror works.



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# SCIENCE

## Step 3: Light refraction

Do the “Inverted arrow” experiment, so that the students see how an arrow “magically” changes direction. Explain how this is done through science and talk about how our eyesight can deceive us. Have the students make their own drawings or write their names and see how they appear from behind the glass of water.

## Step 4: Storytelling

Read the story of Lous Braille. Discuss what he went through and how he dealt with it. Talk about the importance of sight in our everyday lives.

## Step 5: Coding and decoding (Only Sequence 2)

Talk to the students about blindness and Braille. Why is it important and how it functions. Split them into pairs and have them code messages in Braille from one another. Then have them try to “read” the Braille and decode the messages.



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