

Lesson 13: What is a fraction common? (10 years old)

Date: 6.05. 2019 r and 7. 05. 2019 r.

Number of pupils: 21

Age of pupils: 10 years old

Tools: brush, copy seal




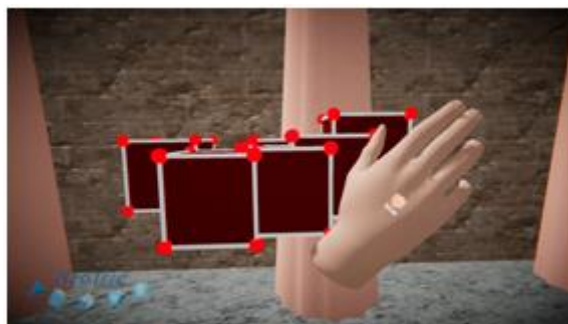
Activities in Neotrie VR: Make the fractions $\frac{4}{6}$ and $\frac{2}{3}$ with cubes.



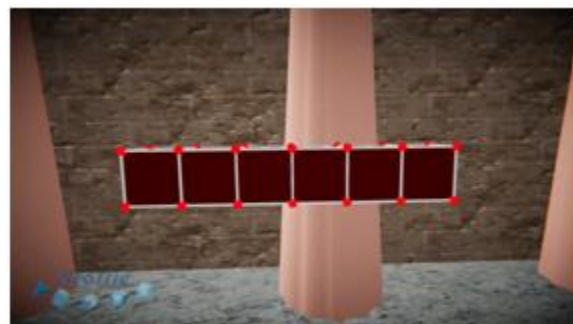
Open the hand menu, and select a cube in the button "Figures"



Use the copy seal  to make an exact copy of the cube.



Move the cubes with the mode .



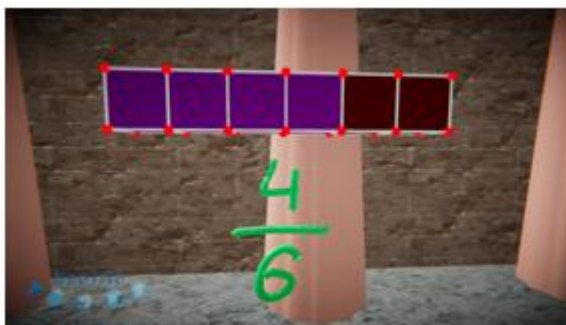
Glue as many cubes as indicates the denominator of the fraction.



Take the pencil and the colours palette from the table.



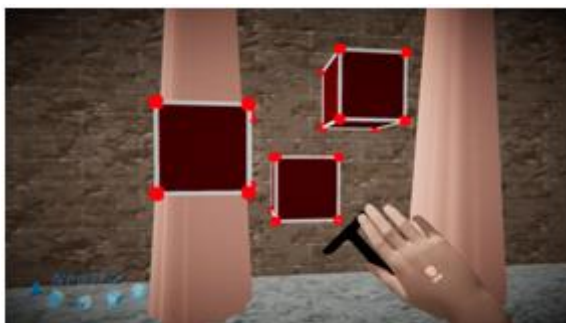
Paint as many colours indicated in the numerator of the fraction.




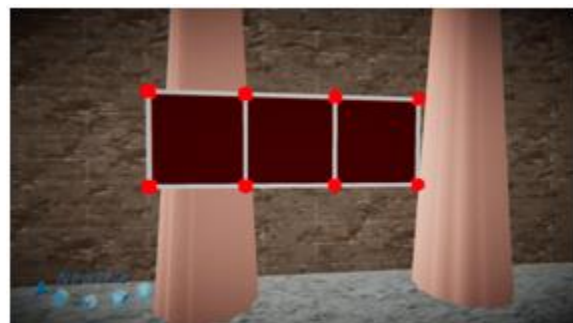
Ask the pupil to draw the fraction.



Repeat again to make $2/3$.



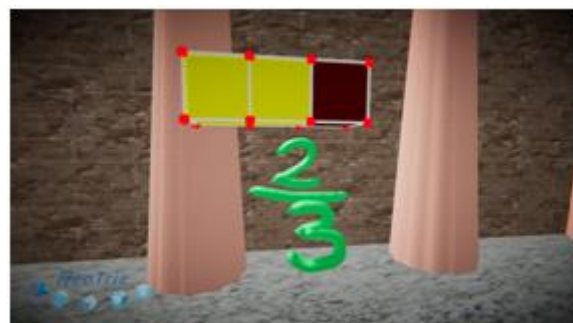
Move the cubes with the mode .



Glue as many cubes as indicates the denominator of the fraction.



Paint as many colours indicated in the numerator of the fraction.



Ask the pupils what fraction of it is?

Lesson 14: Comparing fractions (10 years old)

Date: 10. 05. 2019 r.

Number of pupils: 21

Age of pupils: 10 years old

Tools: brush, copy seal

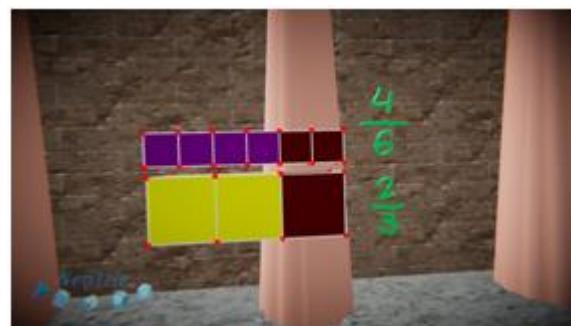


Activities in Neotrie VR:

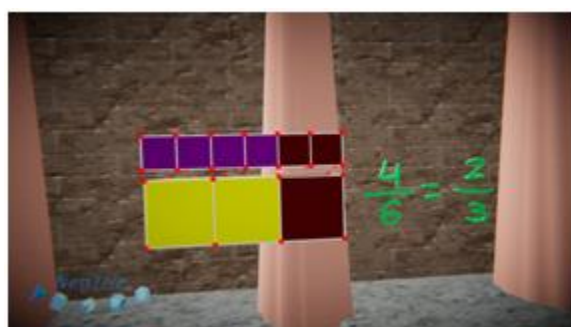
1. Make the fractions $\frac{4}{6}$ and $\frac{2}{3}$ with cubes and compare them.
2. Make the fraction $\frac{1}{6}$ and $\frac{1}{3}$ with cubes and compare them.
3. Make the fractions $\frac{2}{6}$ and $\frac{5}{6}$ with cubes and compare them.



Glue as many cubes as indicates the denominator of the fraction. Ask the pupil to draw fraction.



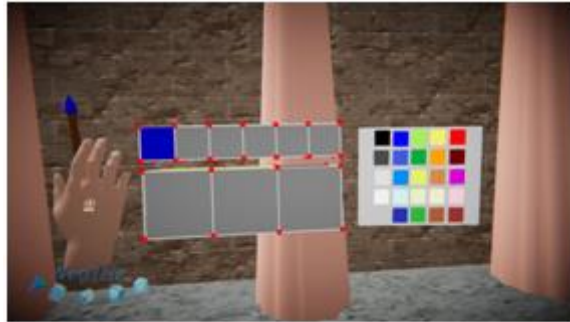
Ask the pupil what the fraction is it?.



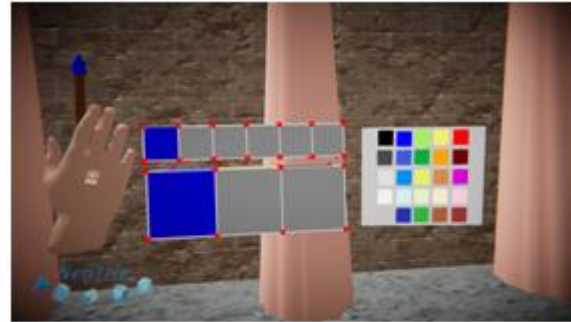
Ask the pupil to compare fractions.



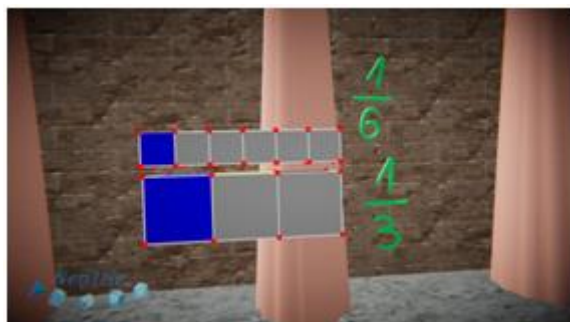
Take the pencil and the colours palette from the table.



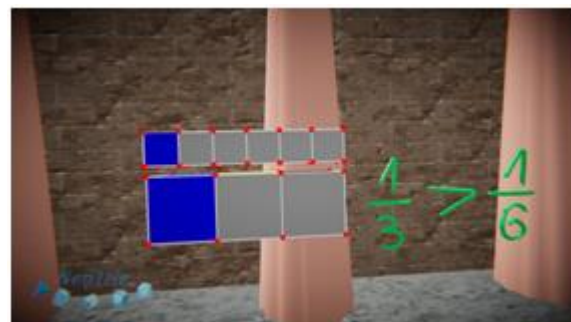
Ask the pupil to draw the fraction.



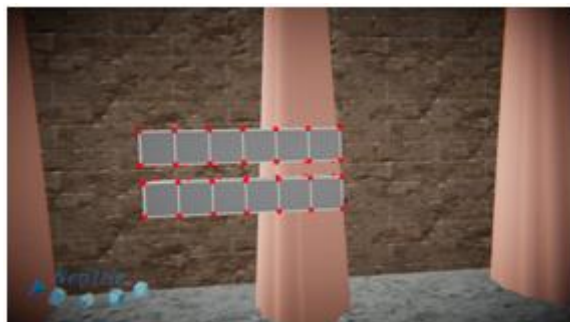
Paint as many colours indicated in the numerator of the fraction.



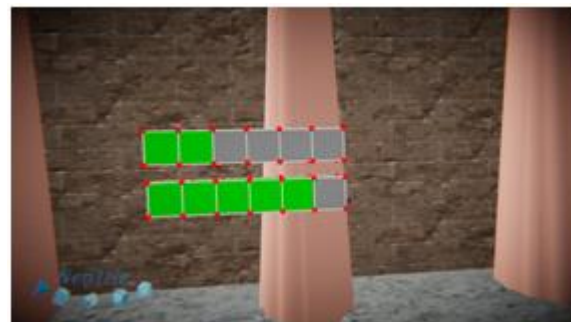
Ask the pupil what the fraction is it?



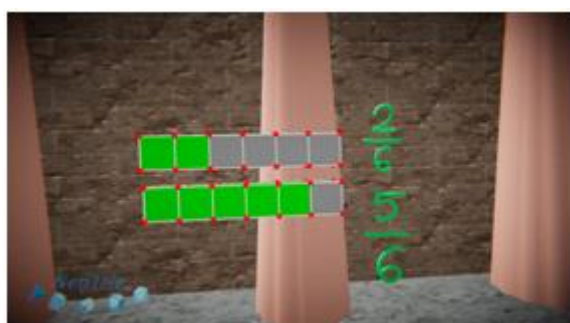
Ask the pupil to compare fractions.



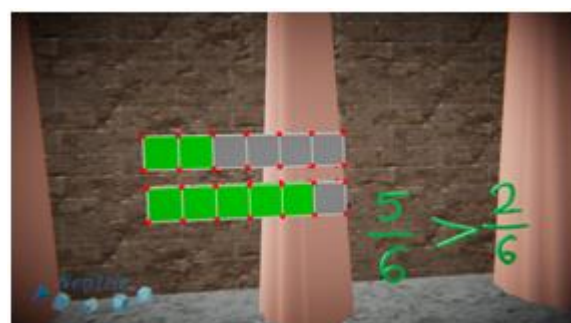
Glue as many cubes as indicates the denominator of the fraction.



Ask the pupil to draw the fraction.



Ask the pupil what fraction of it is?



Ask the pupils to compare fractions.

Hint:

Lesson 15: Adding fractions (10 years old)

Date: 28. 05. 2019 r.

Number of pupils: 21

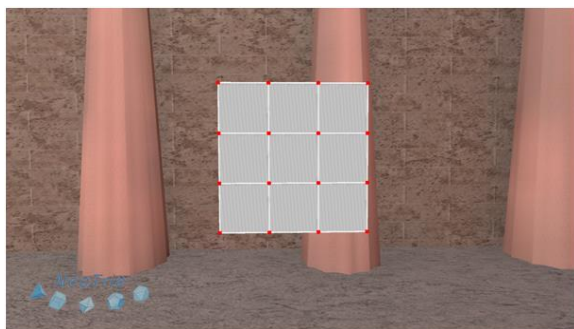
Age of pupils: 10 years old

Tools: brush, copy seal

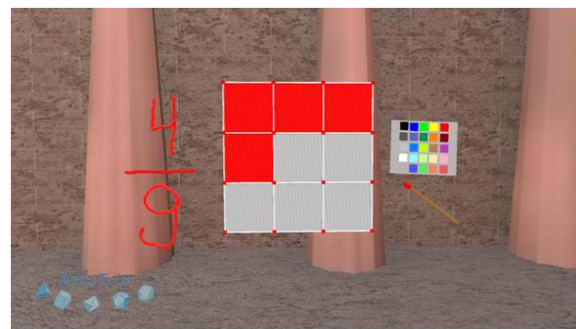


Activities in Neotrie VR:

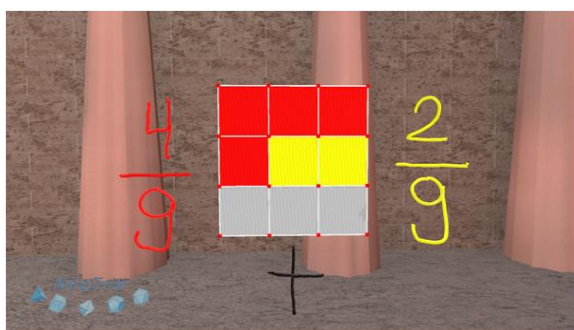
1. Make the fractions $\frac{4}{9}$ and $\frac{2}{9}$ with cubes and add them.
2. Make the fractions $1\frac{2}{9}$ and $1\frac{4}{9}$ with cubes and add them.



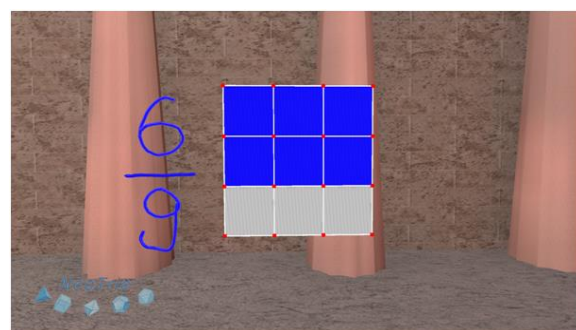
Glue as many cubes as indicates the denominator of the fraction.



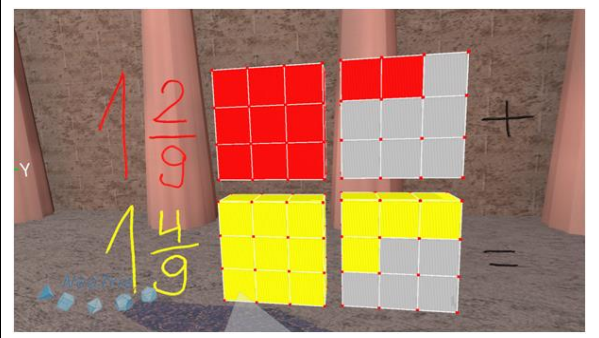
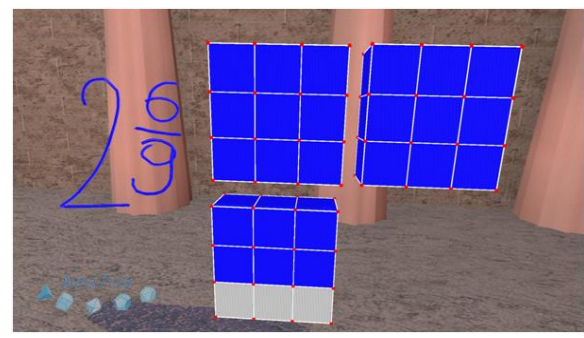
Paint as many colours indicated in the numerator of the fraction.



Repeat again to make $\frac{2}{9}$ and add them.



Ask the pupils what fraction of it is?

	
<p>Paint as many colours indicated in the numerator of the fraction.</p>	<p>Ask the pupils what fraction of it is?</p>

Advantage: Thanks to this lesson, all pupils are engaged, cooperate with each other. The pupils are focused and mobilized to work. Neotrie allows them to easily organize their knowledge about fractions. The pupils learn the concept of a fraction, are able to compare them and perform simple operations on them. The pupils organize their knowledge and have a great time.