

100 FACE (CUISENAIRE RODS)

Background:

Georges Cuisenaire (a Belgian Primary School teacher) first promoted the use of the rods through his book, *Numbers in Colour*, in the 1950s. There are 10 rods ranging in size from white (1cm) to orange (10cm). They are also called coloured rods or relational rods.



Materials:

Cuisenaire rods (approx. 10 standard containers for a whole class)

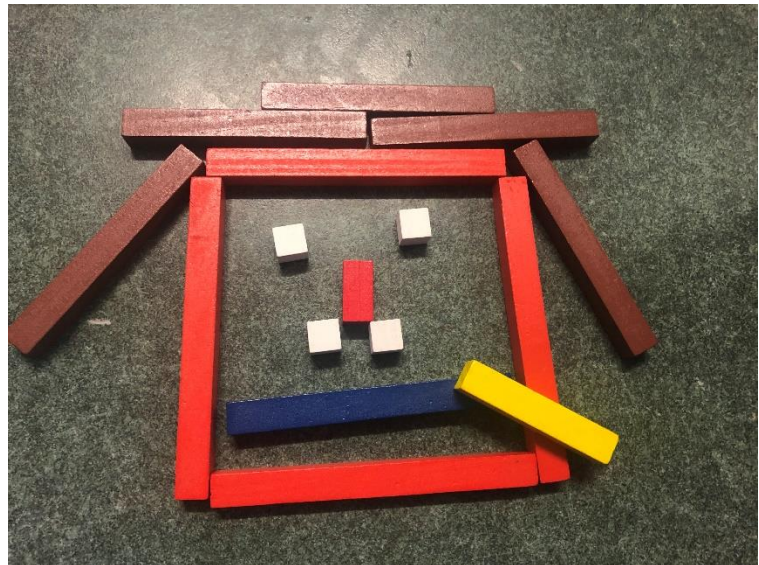
WALT: Use knowledge of numbers to create an image that represents 100.

WILF: Fluency with numbers and an understanding of how numbers can be partitioned.

Game Objective: To arrange the Cuisenaire rods to create a face that equals 100.

Instructions

- For this activity the white rod represents 1 and the orange rod represents 10
- How many ways can you make a face that represents exactly 100?
- How can you check to prove that your face shows 100?



Variation:

- Roll the 10-sided dice
- The number that is rolled becomes the value of the white rod
- Now construct a face that has a value of 100
- For example, if the white rod is worth 5 then the 10 rod would be worth 50

Reference:

Adapted from an activity developed by Simon Gregg

<http://followinglearning.blogspot.com/2015/12/hundred-faces.html>

Follow Simon Gregg on Twitter @Simon_Gregg