

RISE UP



WEEK 6 MATHS CHALLENGE KS2

ARTICLE 6

Every child has the right to life. Governments must do all they can to make sure that children survive and develop to their full potential.

What you need:

- Cuisenaire Rods
- Paper
- Pencil

How to lead this activity

- Let the children use the taught strategies to solve the problem – this will have been modelled in the main teaching session. Remind them to complete calculations using the correct order of calculations (BIDMAS)
- When the children complete an equation they place a counter on the game board.

Extension


























- Children design their own equation to be solved.



Rocket

Collect 3 rocket fuels to launch



Master Cards

Complete the next two patterns in this sequence:



The rule is...

Complete the next two patterns in this sequence:



The rule is...

Find the next three numbers in this number sequence:

3, 5, 7, 9, ____, ____

The rule is...

Find the next three numbers in this number sequence:

4, 15, 26, 37, ____, ____

The rule is...

Find the next three numbers in this number sequence:

4, 9, 14, 19, ____, ____

The rule is...

Find the next three numbers in this number sequence:

2, 4, 8, 16, ____, ____

The rule is...

Find the missing numbers in this number sequence:

4, ____, ____, ____, 8

The rule is...

Find the missing numbers in this number sequence:

7, ____, ____, ____, 19

The rule is...

Find the missing numbers in this number sequence:

12, ____, ____, ____, 36

The rule is...

Find the missing numbers in this number sequence:

9, ____, ____, ____, 29

The rule is...

Challenge 1

Create your own number sequence.

Your sequence must start with the number 6.

Apply one function to your start number to get the next term.

Ask your partner to find the rule.

Challenge 2

Create your own number sequence.

Your sequence must start with the number 7.

Apply two functions to your start number to get the next term.

Ask your partner to find the rule.

Solutions for challenge Qs

Challenge 1:

Solutions will vary according to children's choice of function.

Challenge 2:

Solutions will vary according to children's choice of functions.