

7/01/21

Hi, this is your home learning work for today. Make sure you have somewhere quiet to do your work, use your purple homework book and send us photos on Dojo of your tasks.

English: Project X

Incredible Mythical Creatures


Listen to Mrs. James reading part of this text on ClassDojo. Make sure you pause the video if asked and answer any of the questions.

When Mrs. James has finished, you need to complete part of the table shown in the photograph (only complete the parts you have listened to the information about.)

Summarize the text

Notes on mythical creatures

1. What would a hero need to know if they were about to face this creature?



Name of creature	What to look out for
Hydra	giant snake, 12 heads with fangs 3 heads grow back if you chop 1 off
Cerberus	
Minotaur	
Chimera	
Kraken	
Chinese dragon	

Spelling/ handwriting

Listen to the spellings read aloud by Mrs. James on ClassDojo.

What sound can you hear in all of them? Which letter or letters make up this sound?

Practice spelling these words 3 times as we do in class but make sure you are using your best handwriting.

When you have finished you can go on Spelling Frame and look at some of our Year 4 key words on rules 27 and 28.


Maths: To investigate 11 and 12 timestables

1. Watch Mrs Smits' video here:

<https://www.loom.com/share/28a07477612844a291227768489e915b>

2. Watch this video <https://vimeo.com/490692507> which takes you through today's lesson. Pause the video where you need to and complete the warm up activities in your book or the questions from the worksheet. (you don't need to print it, just write the answers in your book).

1 The base 10 represents 2×11



$2 \times 11 = 22$

Use base 10 to work out 3×11

Draw your base 10 and complete the multiplication.


$3 \times 11 = \square$

2 Complete the calculations.

$5 \times 11 = \square$	$7 \times 11 = \square$
$9 \times 11 = \square$	$4 \times 11 = \square$
$6 \times 11 = \square$	$3 \times 11 = \square$
$10 \times 11 = \square$	$12 \times 11 = \square$

3 Rosie is spotting patterns in the 11 times-table.

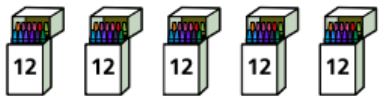
When I add together the digits of each multiple of 11, I always get an even number.



$2 \times 11 = 22$
 $2 + 2 = 4$ which is an even number

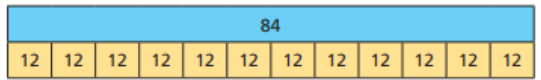
4 Crayons come in packs of 12

Dora buys 5 packs of crayons.



How many crayons does she have?

5 Ron uses a bar model to represent 84 divided by 12




a) Explain Ron's mistake.

b) Draw the correct bar model diagram to represent 84 divided by 12

6 Amir is making pictures using shapes.

Here is one picture.



a) Do you agree with Rosie?

Explain your answer.

b) What else do you notice?

What other patterns can you see in the 11 times-table?

Talk about it with a partner.

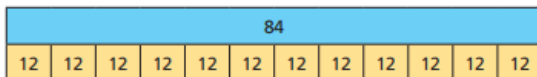
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5 Ron uses a bar model to represent 84 divided by 12



a) Explain Ron's mistake.

b) Draw the correct bar model diagram to represent 84 divided by 12

6 Amir is making pictures using shapes.

Here is one picture.



Amir makes 12 pictures like this one.

a) How many shapes does he use altogether?

Show your working.

b) If each picture is exactly the same, how many of each shape does Amir use?

7 Mr Scott is organising a cricket tournament.

a) There are 11 players in a cricket team.

5 teams have signed up for the tournament.

How many players have signed up?

b) Mr Scott needs 132 players signed up to go ahead with the tournament.

How many more teams are needed?

8 Dexter has been looking at the 12 times-table.

He notices something when he adds the digits of the multiples of 12 together.



$$\begin{aligned} 1 + 2 &= 3 \\ 2 + 4 &= 6 \\ 3 + 6 &= 9 \\ 4 + 8 &= 12 \end{aligned}$$

a) Dexter thinks the next number in the pattern will be 15

Is he correct?

Explain your answer.

b) What happens when he tries this for all the multiples of 12 up to 12×12 ?

Is there a pattern?

1) Complete the questions from the worksheet in your book.

2) Then join in with the SuperMovers video here:

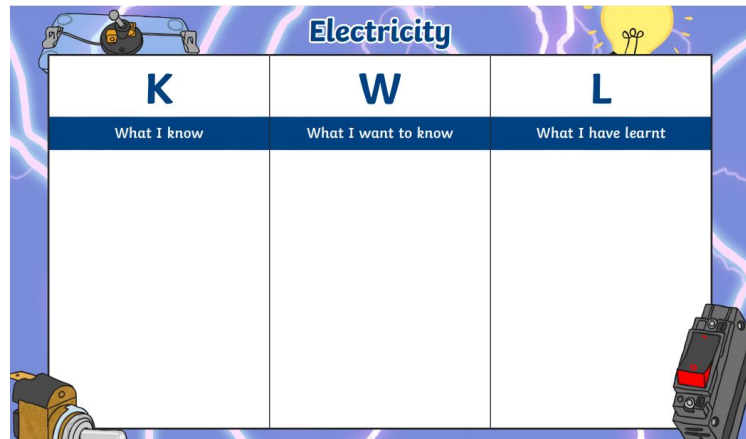
<https://www.bbc.co.uk/teach/supermovers/ks2-maths-the-11-times-table/z464nrd>

Enquiry and Investigation: Electricity

1. Watch the video from Mrs Smits here:

<https://www.loom.com/share/ac22e09b5efe4637b0b92ec418191904>

2. Draw the KWL table in your book and complete the K and W columns.



3. Watch the BBC clip here:

<https://www.bbc.co.uk/bitesize/topics/z2882hv/articles/zcwnv9q>

4. Complete the quiz.