

Tuesday 12th May

Good morning!

Maths: To solve scaling problems using multiplication.

English: To identify the main clause and subordinate clause within a sentence.

Suggested afternoon activities –

Japan weekly activities – It is all about amazing Japanese art this week! Find a list of suggested activities to explore on the last two slides or feel free to come up with your own ideas.

SPELLINGS

Scattegories!

Today's letter uses your spellings for the week that begin with a 'b'. Tomorrow we will be doing the letter 'c'. Can you work out the word which is being described - write the word with the definition next to it. Try to spell it without looking at the list and check your spelling afterwards.

- 1.) The act of constructing something. (verb)
- 2.) When it is cold you can see your (noun)
- 3.) The lungs are the part of the body which allows us to complete this action. (verb)

calendar

breath

breathe

build

busy

business

caught

centre

century

certain

MATHS

Our focus this week in maths will be on multiplication and division. Today we will be trying some scaling problems. This means that we will need to think about the relationship between numbers and how many times we need to multiply something according to this.

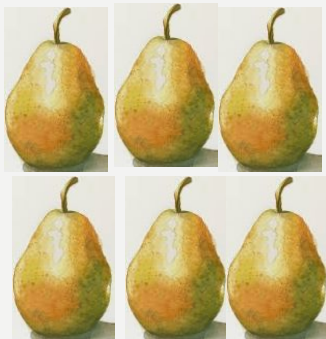
If two things are in proportion then doubling one means you double the other.



Example 1:

If 3 apples cost 50p, then 6 apples cost £1.

(we scaled by 2)



Example 2:

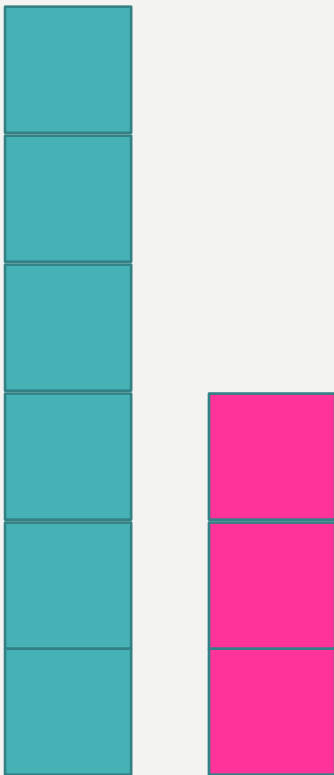
If 2 pears cost 30p, then 6 pears cost 90p.

(we scaled by 3)



Challenge 1: Can you use Lego, multi-link cubes or something similar to build towers to show different scales? If you don't have anything like this you could draw towers instead. See the example below!

Example: The blue tower is twice as tall as the pink tower.



Can you build towers with these scales:

A tower that is:

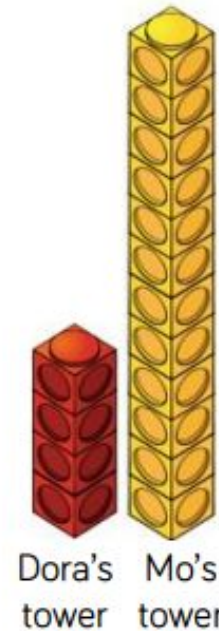
- 1.) 3 times bigger than another
- 2.) Half the size of another
- 3.) A quarter of the size of another
- 4.) 5 times the size of another

When you have built your towers, try this question.

Dora says Mo's tower is 3 times taller than her tower.

Mo says his tower is 12 times taller than Dora's tower.

Who do you agree with?
Explain why?



Dora's tower Mo's tower

Scaling problems are not always doubling though, sometimes you might need to times by a different number.

For example: If one magazine cost £2, 5 magazines would cost £10. We know this because $2 \times 5 = 10$.

Challenge 2: Try the questions below. Some involve doubling and some multiplying by a different number.

If 3 apples cost 50p together, what would 6 apples cost?

25p

£100

70p

£1

If 4 bags of flour weigh 5kg, what would 8 bags weigh?

9kg

7kg

8kg

10kg

If it takes 5 minutes to walk 300m, how long would it take to walk 900m?

10 min

13 min

15 min

30 min

If 3 pears cost £1.20, how much do 6 pears cost?

£2.20

£2.40

£4.20

£6.20

If 2 erasers cost 44p. How much would 4 erasers cost?

99p

84p

88p

66p

Seven buckets hold 21 litres of water. What would 14 buckets hold?

21 litres

63 litres

44 litres

42 litres

If 10 smarties weigh 14g, what would 100 smarties weigh?

140g

24g

100g

1.4kg

If a car can travel 50km on 10 litres of fuel, how far could it travel on 30 litres?

120km

100km

90km

150km

ENGLISH:

Today we are going to be looking at main and subordinate clauses and how they are used in a sentence.

A main clause contains the main idea or action - *Lucy went to bed.*

The subordinate clause contains additional information or another idea - *because she was tired.*

We can put these together to make a complex sentence:

Lucy went to bed because she was tired.

Because she was tired, Lucy went to bed.

Copy these sentences into your book and underline the *main clause* in each one:

- 1.) While looking through the window, Sophie saw the BFG.
- 2.) Tom saw the maid when she came through the door.
- 3.) Grandma said I could go out to play if I finished my homework.
- 4.) Although it was late, Sean watched the film.
- 5.) Mr. Smith bought the paper when he was on the train.

Copy these sentences into your book and underline the *subordinate clause* in each one. *Remember - a subordinate clause usually starts with a conjunction!*

- 1.) When he had finished washing the dishes, Lee sat down.
- 2.) She felt sad whenever she saw the picture.
- 3.) If you eat all your dinner, you can have an ice cream.
- 4.) Stephen brushed his teeth while his sister brushed her hair.
- 5.) Ryan got a prize although he was last in the race.

WEEKLY JAPAN ACTIVITIES – ART

Choose an activity – here are some ideas and pictures to inspire you on the topic of Japanese art. It's fine if you want to look at ideas from other classes and work with your brothers or sisters, or come up with your own ideas 😊

Japanese fans were used in the past to share messages which would be written on the fan. They were also used to show how wealthy someone was and sometimes even as a weapon. A folding fan is called a “sensu” or “o-gi”, while the non-folding type of fan is called an “uchiwa”. Can you create an amazing Japanese paper fan?



Can you find a way to recreate this famous Japanese painting called 'The Great Wave off Kanagawa' by Hokusai?

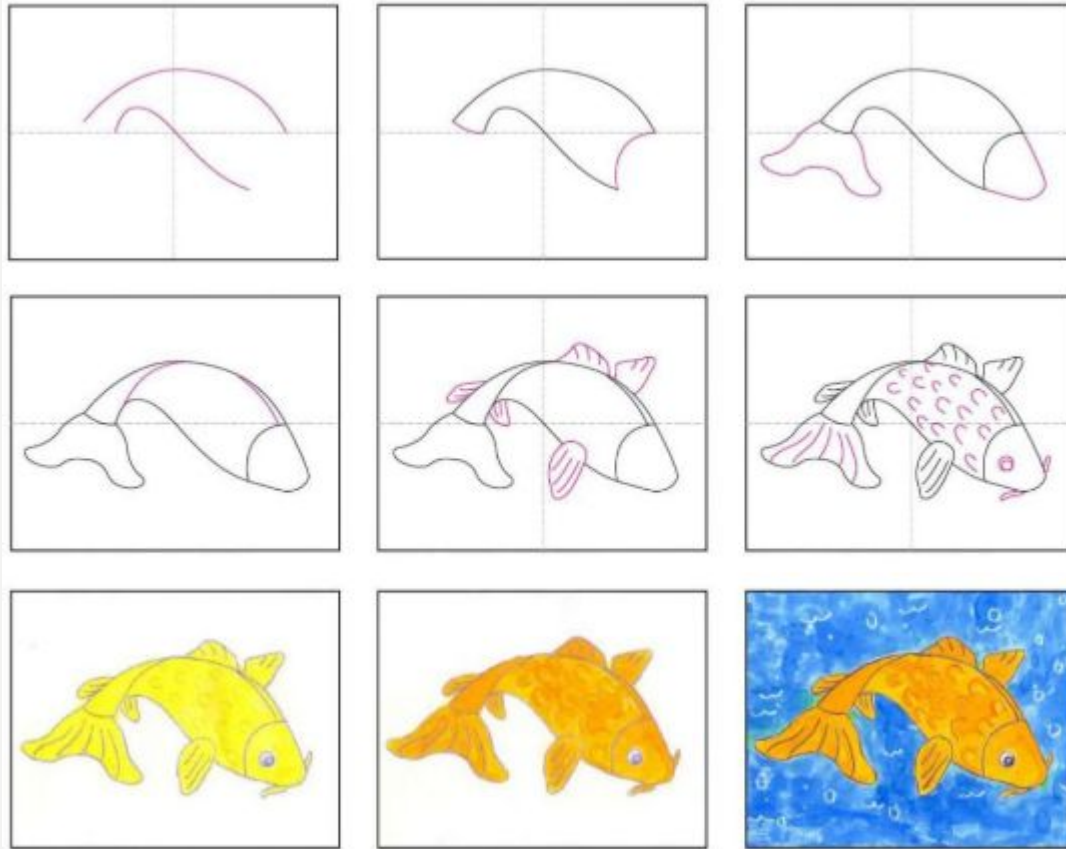


If you have Styrofoam, oasis or Polystyrene, you could try the Japanese art of woodblock printing. Etch a pattern with a pen, paint over your piece with black paint and then print onto a plain piece of paper!

Calligraphy (shodo) is one of the most admired Japanese arts. Can you practice some calligraphy using a paintbrush and black ink/paint?



ART IDEAS CONTINUED



Koi fish are very symbolic in Japan. Can you find out why/what they represent? You could try to draw some koi fish using these instructions, or design your own Koi fish drawing, painting or collage.

