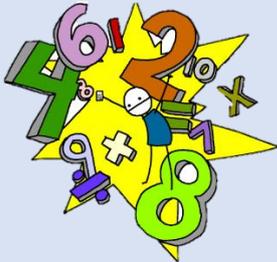




Year 4 Home-learning activities

Monday 4th May 2020

Subject	Activity/Resource
<p data-bbox="295 555 432 600">English</p> 	<p data-bbox="555 600 1385 824">On Thursday, you wrote a setting description based on a picture. Today's English writing task will help you to continue to describe your setting. Using the SPAG learnt below, use some prepositions to describe the position of different objects in your setting.</p>
<p data-bbox="311 884 416 929">SPAG</p> 	<p data-bbox="582 913 1358 1003">Our SPAG focus this week is 'Identifying and Using Prepositions'</p> <p data-bbox="576 1041 1358 1153">Prepositions usually describe the position of something, the time when something happens and the way in which something is done.</p> <ul data-bbox="564 1167 1230 1249" style="list-style-type: none"><li data-bbox="564 1167 975 1205">• The dog ran <u>under</u> table.<li data-bbox="564 1211 1230 1249">• The hot air balloon <u>the</u> flew <u>over</u> the town <p data-bbox="582 1288 1358 1400">Below is a 'Missing Prepositions' worksheet to have a go at, but can you write 5 sentences on your own, using prepositions to describe where something is in your home?</p> <p data-bbox="614 1444 1326 1480">If you need some more help with this task, CLICK HERE</p>
<p data-bbox="300 1527 427 1572">Maths</p> 	<p data-bbox="550 1563 1385 1637">This weeks in Maths we take a step back to recap Multiplication and Division, a very useful everyday skill.</p> <p data-bbox="619 1682 1316 1718"><u>Lesson 1</u> – Multiply 2-digit number by 1 digit number</p> <p data-bbox="619 1758 1316 1794"><u>Lesson 2</u> – Multiply 3-digit number by 1 digit number</p> <p data-bbox="627 1839 1310 1874">https://whiterosemaths.com/homelearning/year-4/</p> <p data-bbox="576 1877 1358 1944">Work through the lessons and related activities for Summer Term Week 3 (Lessons 1 and 2)</p>

Topic

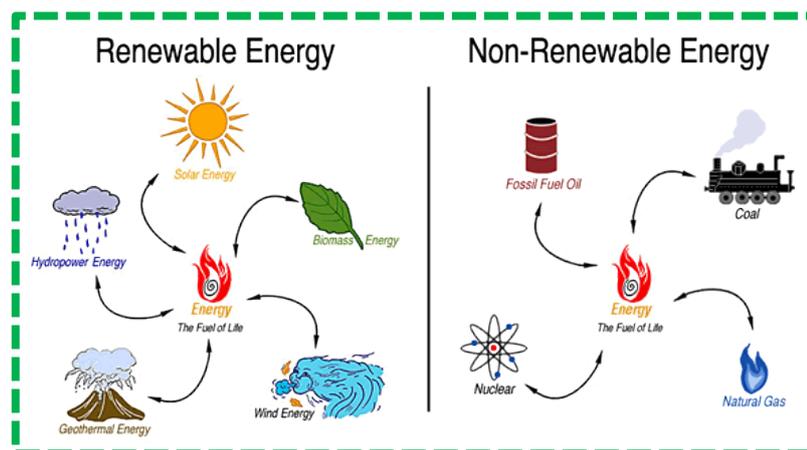


Renewable energy uses **energy sources** that are not "used up". For example, solar power from the sun is **renewable** as we won't "use up" all the sunlight from the sun.

Today's topic lesson overlaps with Science. Renewable Energy has its advantages and disadvantages, but can you sort these?

Attached to this document is a list of statements about renewable energy, your task is to match them under the correct heading. You can print these out and cut them up **or** write them under the correct heading in your exercise workbook.

EXTENSION CHALLENGE: Can you explain why renewable energy is important to our planet and why humans should try to use it as much as possible?



IMPORTANT TIPS TO REMEMBER:

- Write the date (DD/MM/YY) at the top of each piece of work you do.
- Write the title of the work underneath the date.
- If can, send me a photo of your work or if you can complete it on a computer, send the file to me so I can have a look at your work.
- If you have any issues with the work set, please email me straight away and I will try to get back to you as soon as possible.
- I will send the next set of work to you on THURSDAY.
- This work is for you to do at your own pace. Please do not feel like you must complete everything straight away.
- REMEMBER you are a fantastic learner and that a FAIL, is a **First Attempt In Learning!**

Missing Prepositions

The sentences below are all missing a preposition. Choose a preposition from the box below to complete each sentence so it makes sense.

on	in honour of	inside	at	Due to
under	across	In summer	before	through

1. "Dinner's ready!" said dad as he placed the pizza _____ the table.
2. Daniel always goes to breakfast club _____ school starts.
3. You have a doctor's appointment _____ 4 o'clock.
4. _____ the horrible weather, the BBQ was cancelled.
5. _____, we went on holiday to Greece.
6. Lucy hid _____ the wardrobe when they played hide and seek.
7. Ben finally found his missing toy; it was _____ his bed the whole time.
8. They held a party _____ the Queen's Jubilee.
9. Courtney had to squeeze _____ the crowd of people to get to her friends.
10. Micheala, my best friend, lives in a house _____ the road from mine.



Multiply 3-digits by 1-digit

Week 3 Lesson 2 -

<https://whiterosemaths.com/homelearning/year-4/>



- 1 Filip uses a place value chart to help him multiply a 3-digit number by a 1-digit number.

Hundreds	Tens	Ones
100	10 10	1 1 1 1
100	10 10	1 1 1 1
100	10 10	1 1 1 1

- a) What multiplication is Filip working out?

$$\square \times \square$$

- b) What is the answer to Filip's multiplication?

- 2 Use place value counters to complete the multiplications.

a) $3 \times 213 = \square$

d) $6 \times 106 = \square$

b) $4 \times 216 = \square$

e) $4 \times 209 = \square$

c) $5 \times 106 = \square$

f) $317 \times 3 = \square$



- 3 Complete the multiplication.

Use the place value chart to help you.

H	T	O
100 100	10	1 1 1 1 1
100 100	10	1 1 1 1 1
100 100	10	1 1 1 1 1

	H	T	O
	2	1	5
x			3

- 4 Complete the multiplications.

a)

	H	T	O
	2	1	7
x			4

c)

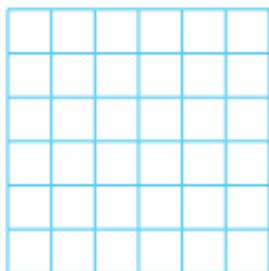
	H	T	O
	1	0	8
x			6

b)

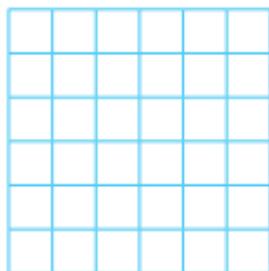
	H	T	O
	4	3	9
x			2

d) 163×5

e) 3×240



f) 7×131



- 5 A lorry driver travels 156 km per day.
How many kilometres will the lorry driver have travelled after 3 days?

- 6 Ron and Teddy are working out 5×245



Ron

I know the answer will be greater than 1,000 because I know 5×200 is 1,000



Teddy

I know the answer should end in 5 because I know 5×5 is 25

- a) Who is correct? Circle your answer.

Ron

Teddy

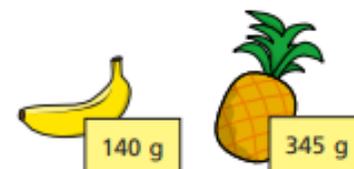
both

neither

- b) Use a written method to work out 5×245

- 7 There are 7 year groups in a school.
There are 112 children in each year group.
How many children are there in the whole school?

- 8 A banana weighs 140 g
A pineapple weighs 345 g



- Bag A contains 8 bananas and bag B contains 3 pineapples.
Which bag weighs more and by how much?
Show your working.

Bag _____ weighs g more than bag _____.

ECO-WARRIORS STATEMENTS

Advantages and Disadvantages of Renewable Energy

Read each of the statements about renewable energy sources. Match them under the correct heading on the table to show whether the statement is describing an advantage or a disadvantage.

Renewable energy sources will not run out.

Wind turbines can only be used if the weather conditions are suitable.

Solar panels are cheap to maintain.

Renewable energy sources are clean to use as there are fewer greenhouse gas emissions.

Hydroelectric systems can harm environments and wildlife.

The technology required is often expensive to purchase.

Unused energy produced by households can be sold back to the main national grid.

Usually, the energy is produced at a slower rate than when using fossil fuels.

Wind turbines can be very noisy.

Due to use of a stable source of energy, the cost of renewable fuels does not change much.

Renewable energy technologies could produce many jobs in the future.

Renewable energy technologies can be used on small or large scales - e.g. one house or an entire wind farm.

Not all places in the world can make use of renewable energy sources.

A lot of land is required to set up large scale systems to make enough electricity.

Advantages	Disadvantages