

Monday 13th July 2020

We made it! Your last week as Year 6. Your last week at Blowers Green. Just five more days of home learning and then it's the summer holidays!

The current rules around social gatherings look like we will be unable to meet as a group but look out for special some special gifts coming your way on Thursday (If you are still working from home).

So onto this week's work - keep going we are nearly there.



Maths Task.

Things to remember:

1000m = 1 km so 0.6km = 600m (To convert from kilometres to metres you need to x by 1000 and to convert from metres to kilometres you need to ÷ by 1000)

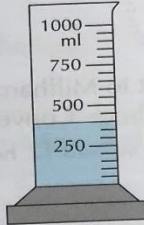
Also 10mm = 1cm 100cm = 1m

1 litre = 1000ml 1 kilogram = 1000g

You will need these facts to solve the problems over the next two pages.

1. Which of the following is the most likely height of a car? Circle the correct answer.
A 17 m B 17 cm C 170 cm D 1.7 km E 0.17 km

2. Look at the container on the right.
How many more millilitres of liquid need to be added to the container so that it is holding 750 ml of liquid?



□ □ □ ml

3. Four children are knitting scarves. Sebastian has knitted 340 mm, Khalid has knitted 0.3 m, Lola has knitted 34.5 cm and Thea has knitted 0.35 m. Who has knitted the most? Circle the correct answer.
A Sebastian B Khalid C Lola D Thea

4. Priti is taking part in a triathlon.

a) She swims for 600 m, cycles for 8.4 km, then runs for 4500 m. How far does she travel in total in km?

□ □ . □ km

b) She gets sponsored £2.50 for every 500 m she travels. How much does she get sponsored in total?

£ □ □ □ . □ □

5. Lentils come in bags of 1.6 kg. A recipe for a batch of soup uses 400 g of lentils. How many batches of soup can be made from 2 bags of lentils?

6. a) Coffee is sold in jars of 450 grams. Chen needs 2.7 kg of coffee for a school event. How many jars does he need to buy?

- b) Isabel is making fruit punch for the same event. She uses 2.4 litres of lemonade, 400 ml of orange juice and twice as much apple juice as orange juice. She serves the punch in cups of 200 ml. How many cups of punch can she make?

7. A digital watch shows the time 16:04. The watch is running 12 minutes fast. What is the correct time in the 12-hour clock? Circle the correct answer.
A 16:16 B 15:52 C 4:52 pm D 3:52 pm E 4:16 pm

8. A netball tournament starts at 9:45 am and finishes at 1:20 pm. How long does it last for in hours and minutes?

 hours minutes

9. Isla's birthday is on 14th July. Rory's birthday is 20 days before Isla's. What date is Rory's birthday?

A 22nd June B 23rd June C 24th June D 25th June

10. Esme takes 5 minutes and 24 seconds to complete a puzzle. How long is this in seconds?

 seconds

11. Look at this train timetable.

	1118	1147	1203	1225	1241	1308
North River	1118	1147	1203	1225	1241	1308
South Path	1136	1205	1221	1243	1259	1326
East Water	1202	1231	1247	1309		1352
West Mile	1219		1304		1342	1409

- a) How long is the train journey from North River to East Water?

 mins

- b) Jiya needs to be in West Mile by 1:30 pm. What is the latest that she can catch a train from South Path?

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- c) Kofi has a piano lesson in North River. The lesson starts at 11:15 am and lasts for 35 minutes. The train station is 15 minutes away from his piano teacher's house. What is the earliest time Kofi can arrive at East Water?

 :

- d) Mr Adams lives 8 minutes away from the East Water train station. If he leaves his house at 11:55 am, how long will he have to wait for the next train?

 mins

English Task. Words ending 'ant' and 'ent'.

The word endings 'ant' and 'ent' can sound similar and it can be difficult to spell these words. Have a go at the activities below to help you improve spelling these tricky words. Copy the sentences up in your exercise books.

1 Circle the correct spelling of each word to complete the sentences below.

Fern has bought a new apartment / apartmant in London.

Luis is a native inhabitant / inhabitent of Venezuela.

The celebrations were very extravagant / extravagent.

This pen is a permanant / permanent marker.

2 Circle the words below that are spelt incorrectly.
Then write the correct spellings on the dotted lines.

	comment	hesitent
accidant			
	distant	instrument
vacent			
	decent	
innocent		relevent

3 Write each of these words with the correct -ent or -ant ending.

arrog- →	sil- →
pres- →	leni- →
evid- →	brilli- →
observ- →	toler- →

4

Complete the words in these sentences using -ent or -ant.

The footballer had an argum..... with the referee.

The Prime Minister makes frequ..... trips abroad.

The expect..... crowd waited for the band to arrive.

Julie wore an eleg..... dress to the ball last Thursday.

We saw an obedi..... eleph..... at the zoo.

The team were confid..... they would win the match.

Charlie's hairstyle is very differ.....

5

Sort the letters below into the right order to spell a word ending in -ant or -ent.



6

Circle the words that you can add -ent to the end of.

Write one sentence that includes both words you've circled.

comm-

vac-

independ-

account-

Topic - Geography.

Last week we looked at hydroelectricity - a renewable source of energy. Renewable energy - is important as it doesn't waste the earth's natural resources. We will need to find more and more ways to produce renewable energy in the future. Here are some more renewable sources of energy which you can find out about here. 😊

Read the information and then complete the activities after.

Renewable energy

In addition to hydroelectricity, there are several other sources of renewable energy used in North America. Two of the most important sources of renewable energy are the sun and the wind.

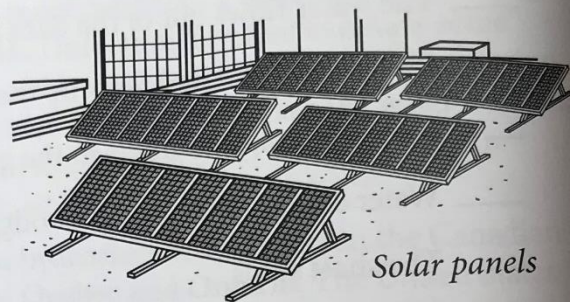
Solar power

Solar power is energy that we get from the sun in the form of heat and light.

Solar power that can be used to heat water is called *solar thermal power*. In North America, the most common use of solar thermal power is for heating swimming pools. The first solar thermal power plant was built in the Mojave Desert in 1984.

Even though this project was a success, few solar thermal plants have been built since.

Solar power can also be used to create electrical energy. Solar panels collect light and turn it into electricity that can be used in homes and businesses. Large systems can even generate enough electricity to meet the needs of entire cities. However, although sunlight is free, ways of collecting and converting it to electricity are still very expensive, so there are not many large solar power plants in North America. Some of the largest solar plants are located in Ontario, Canada, and in Nevada and California in the US.



Solar panels

Wind power

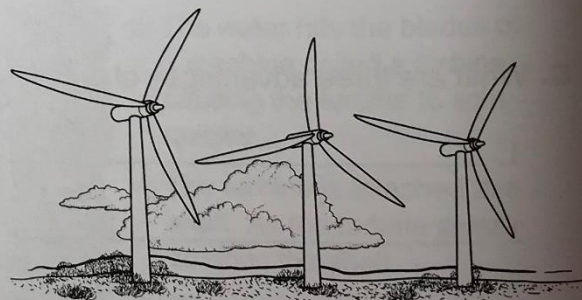
The same wind that lifts a kite into the air can also generate electricity for thousands of homes. People collect the power of the wind using *wind turbines*.

Wind turbines are huge towers with giant blades that are spun by the wind. The spinning turbines power generators that make electricity.

When many wind turbines are built together in one place, they are called a *wind farm*. Wind farms are built in places that get a lot of wind.

In North America, the vast majority of wind farms are found in the United States. However, there are some in Canada and Mexico as well.

The largest wind farm in the world has 627 turbines and is located in Texas. This wind farm makes enough electricity to power over 230 000 homes!



Wind turbines

Renewable energy

- A.** Find and circle the solar and wind power words in the word puzzle.
Words may appear across, down or diagonally.

E C O L L E C T B V H T H E
N G N M O Z E T N E K G T L
E R X R M W P O A J Y E U E
R S P E C O N V E R T M R C
G W I N D F A R M W Y I B T
Y H R E I M A T A S Y B I R
E S E W U M G T B E A R N I
S O L A R P A N E L T U E C
R R T B I E M H E R A T O I
N O H L H W S U O Y O D H T
D Q G E N E R A T O R U E Y
E G E H T E T U C O S Y A S

blades
collect
convert
electricity
energy
generator
heat
renewable
solar panel
turbine
wind farm

- B.** Choose three words from the word box and write a sentence using each word.
Underline the words you used from the box.

1. _____

2. _____

3. _____

* If you can't print the wordsearch out then find the words on screen and then put them in a sentence to show that you have understood their meaning.*

Well done everybody. Stay Safe - Mr Thompson.