Home Learning Pack

Year 5
Autumn Week 14

Home Learning Links

Oak National Academy
Oak National Academy is an online classroom and resource hub. It provides high-quality video lessons and resources to support teachers, parents and pupils.
www.thenational.academy

BBC Bitesize
With BBC Bitesize it is easy to keep learning at home. You can access regular daily lessons in English, maths and other core subjects.
https://www.bbc.co.uk/bitesize

World Book Online
World Book online have just made their fabulous collection of over 3,000 e-books and audiobooks available for free for children to access at home. They have books suitable for all ages. Click on the following link to access them.
https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDExMzA2Mjp1cw%3D%3D

Read Works.org
Read Works offers access to 3000+ comprehension for all age groups. Just sign up for a free account to access fantastic texts.
https://www.readworks.org/

Tutortastic
An online platform with tutorials and videos for home learning.
https://www.tutortastic.co.uk/blog/homelearning

Education Quizzes
A series of short quizzes for children to complete related to the National Curriculum subjects. Just select KS1 for Reception, Year 1 & Year 2 and select KS2 for Years 3-6.
https://www.educationquizzes.com/ks1/

Top Marks
A range of activities here but especially good interactive activities for maths.
https://www.topmarks.co.uk/

Classroom Secrets
Classroom Secrets Kids is offering free access to everyone until the end of April 2020. The platform is aimed at primary aged children and covers subjects such as maths, reading, grammar and spelling. The platform is really child-friendly so that they're able to access it on their own. There are a load of games and interactive activities from phonics to SATs
https://kids.classroomsecrets.co.uk/

National Geographic
National Geographic is a great platform for learning and it's totally free. There are online games, resources and competitions, too.
https://www.natgeokids.com/uk/teacher-category/primary-resources/

Reading Eggspress
Reading Eggspress has lots of reading activities including comprehension and retrieval questions to have a go at. Your child's Username and Password should be written in his Homework Book.

We have been learning about division this week, mostly looking in-depth at partitioning and we will transition into using the short method for division. Here are some great maths games to play on Laptops or iPads.
https://www.topmarks.co.uk/Search.aspx?q=division

Times Tables Rockstars
This is a great times tables game, practice all of the tables up to 12 x 12. Log- in should be in Homework book/ Reading diary.
https://ttrockstars.com/

Handwriting

Practise two rows of these joins each day.
Write down five words which contain these letters?
Use the word to make joined up writing sentences.

How to write letters

a b c d e f g h i j k l m n o p q r s t u v w x y z

are

rew

new

are new rew

'Chronological' means the order in which things happen.

First,

Second,

Next,

After that,

Later that day,

Finally,

1. What is Bess thinking about?
2. Where is Bess?
3. How is Bess described in the story?
4. Find this picture in the story. Find and locate the word that is a synonym for 'weave'.
5. What colour are Bess' eyes?

Read the model orientation and write your own for your newspaper article

Orientation

- This introduces the story and should GRAB our attention. It will set the scene and summarise the main points of the article. It is often only **one** sentence so you must make it a good one.

Who? Where? Where? What?

SECRET LOVERS MURDERED!

King George's men murdered two lovers at an old inn yesterday evening. Last night, at 9:13pm, the soldiers of King George's men slaughtered a Highwayman, Richard, and his secret girlfriend, Bess. Bess, a bonny 23 year-old sweetheart, was the daughter of the Landlord who owned the old inn establishment where both the Highwayman and Bess died. The Highwayman, a young and handsome 32 year-old felonious man, was pulverised by the muskets used by King George's men. Both Richard and Bess were madly in love. It could be argued that they died to save each other. Could you die for someone you love?

Monday Maths

1 How many tenths are in one whole?

2 Write 8 tenths as a decimal.

3 What is the missing number?

0   ?   100

4 1.5 x 1000=

Misconception:
Van writes 6 tenths as 0.06. What did he do wrong?

Remember that 'kilo' means 1000.

0		1000g

¹/₂ kg	250g	0.8kg	750g	100g

0.2kg	300g	0.9 kg	700g	0.4kg	0.6kg

Round the weight of each packet to the nearest 100g.

Capacity

1000 millilitres = 1 litre

1500 millilitres = 1.5 litres

2000 millilitres = 2 litres

300 millilitres = 0.3 litres

When a card changes colour, if the amount written is in grams write the same amount in kilograms on your whiteboards and vice versa if the amount is in kilograms.

½ kg	250g	0.8kg	750g	100g

0.2kg	300g	0.9 kg	700g	0.4kg	0.6kg

0		2 litres

1000 ml	0.5 l	1500 ml	1.9 l	1000 ml

1.6 l	1.2 l	1700 ml	1.4 l	1300 ml	1800 ml

When a card changes colour, if the amount written is in millilitres write the same amount in litres on your whiteboards and vice versa if the amount is in litres.

1000 ml	0.5 l	1500 ml	1.9 l	1100 ml

1.6 l	1.2 l	1700 ml	1.4 l	1300 ml	1800 ml

True or false

- 1050g = 1.5Kg
- 1 pint is about 1.5 litres
- 4 ounces is a bit more than 100g
- 2.5 inches = 1 cm
- 1 metre is a bit bigger than a yard

Converting between millilitres and litres
Sheet 1

Record the capacities of each of these bottles in litres and in millilitres, converting between each unit.

1. `1 litre`
2. `800ml`
3. `200ml`
4. `1.5l`
5. `0.5l`
6. `100ml`
7. `0.4l`
8. `600ml`
9. `1900ml`
10. `1.8l`
11. `1.2l`
12. `2 litres`

Tuesday English

Introduction to semicolons

A semicolon is a punctuation mark that looks like this ;

- When used correctly the semicolon can make writing clearer
- The semicolon can help you **join closely connected** ideas in a sentence
- It can also **break up a list** that contains longer phrases

Reading Skills - How is Bess feeling?

Main Body of Text

- This is written in: **the past tense**

paragraphs

clear sentences

It answers the questions: **Why? How?**

Read the model main body and write one of your own – be sure to include direct speech and indirect speech, semicolons and linking phrases.

WAGOLL

Model - WAGOLL

The night before this cataclysmic event, Tim the Ostler allegedly overheard Richard and Bess proclaiming their love for one another. It is believed that tim was also in love with the bonny 23-year-old woman. When interviewed by reporters Tim confessed his love for Bess; however denied all accusations of him reporting the loved-up couple to King George. When asked if he mourned for Bess, he was reported explaining that he would rather Bess be dead than her be romantically involved with the flithy Highwayman criminal.

Later that evening, the Highwayman left to add to his list of crimes by stealing gold from undeserving members of the public. Whilst the crooked man was absent, King George's men came marching towards the old inn door. These soldiers ignored the Landlord and drank all of his ale. Upon interviewing the Landlord, he explained that he was too terrified to object to the soldiers' behaviour, in fear of being executed for interfering with royal business. He then went on to explain that he swiftly ran out of ale, which resulted in him temporarily closing his inn until he could replenish his stock.

Tuesday Maths

1 $2000 \div 1000 =$

2 1800 millilitres = ____ l

3 3.6l = _____ ml

4 $1.3 \times 1000 =$

Misconception:
Joni says that 1.2x1000 is 120. Is she correct?

2000m

24,000m

1500m

600m

1km

2.5km

0.8km

1.25km

13.5km

In France, for example, distances on signs are in kilometres

How are distances labelled on signs in the UK?

A mile is longer than a kilometre, and a good approximate rule to convert from miles to kilometres or vice versa is to remember that 5 miles is approximately 8 km.

Miles	Kilometres
10	16
20	32
15	24
50	80

So how many kilometres is the same as 10 miles? 20 miles? How could we find how many kilometres are the same as 15 miles? 50 miles?

If you were going on holiday to France, this table could be quite useful! But we can show more distances on a line graph...

If we assume 3 miles = 5 kilometres, write the missing numbers:

☐ km = 30 miles   35km = ☐ miles

☐ miles = 2.5km
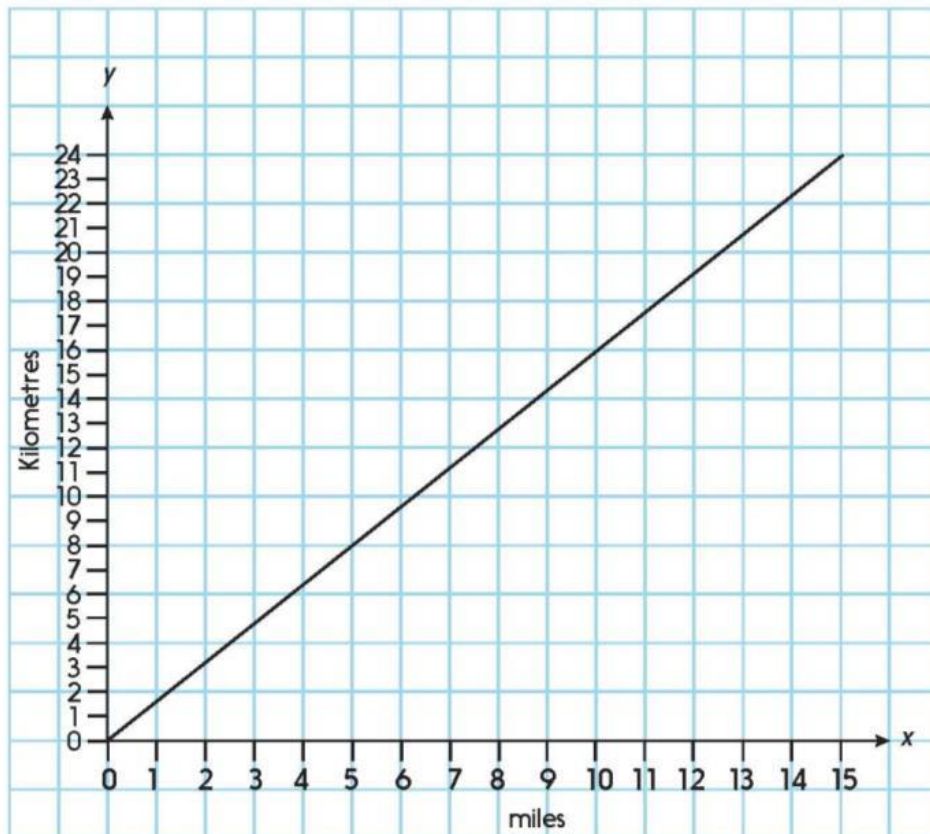
Use the graph to convert the following distances to the nearest kilometre.

1.   5 miles
2.   10 miles
3.   2.5 miles
4.   12 miles

Use the graph to convert the following distances to the nearest mile.

5.   12 km
6.   24 km
7.   18 km
8.   7 km

Tuesday Geography

Watch this lesson on the geography of Wales and create an info poster about what you learn.

https://classroom.thenational.academy/lessons/what-is-the-geography-of-wales-61jpar

Wednesday English

Analyse the following text	She would not risk their hearing; she would not strive again; For the road lay bare in the moonlight; blank and bare in the moonlight;
What does it mean?	
What image does this create in your mind?	And the blood of her veins in the moonlight, throbbed to her lover's refrain
How might the character be feeling?	

Continue writing the main body of your newspaper article

Wednesday Maths

1 5 miles = _____ km	**2** 1 kilometres = ___ m
3 Using question 1, work out how many miles is the same as 16km.	**4** 4000m = ___ km

Misconception:
Marcus used the conversion chart to work out km to miles. He says that 10 miles is 13 km. What did he do wrong?

Imperial units

pints   pounds   stones

ounces feet   inches

When are these used?

Some bags of crisps weigh 28 grams, a very strange number but this is because there were originally '1-ounce' packets.
28g is approximately 1 ounce.

A new born baby might weigh 7 pounds and 8 ounces. There are 16 ounces in a pound. So how many ounces did the baby weigh? How many bags of crisps is that?

HAMILTONS

Nations favourite
CRISPS

Cheese & onion

28g

Many adults will know their weight in stones and pounds rather than kilograms. There are 14 pounds in a stone. 10 kilograms is about the same as 1 stone and 7 pounds. If a child weighs 40 kilograms, what is that in stones and pounds?

RULER

1 pint = 568ml
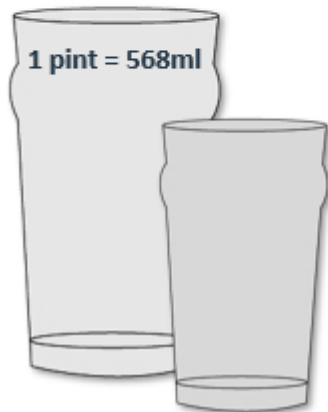
Milk used to come in pint bottles and pubs still serve drinks in pint and half-pint glasses.

Converting between centimetres and inches
Sheet 1

Use the information in the box below to complete this 'ready reckoner'. It helps people to approximately convert their heights from feet and inches to metres and centimetres, or vice versa.

30 cm is approximately 12 inches.

There are 12 inches in one foot.

1 inch is approximately $2\frac{1}{2}$ cm.

Ready Reckoner

Height in feet and inches	Height in metres and centimetres
5 feet	
	1m 35cm
5 feet 4 inches	
	1m 45cm
5 feet 8 inches	
5 feet 10 inches	
	1m 80cm
6 feet 2 inches	
6 feet 4 inches	

Wednesday Art

Watch this step-by-step picture guide for a winter scene to make into a Christmas card for your family.
https://www.drawingnow.com/tutorials/119381/how-to-draw-a-winter-scene/

Wednesday History
Complete this end of unit quiz on Ancient Greece
https://www.educationquizzes.com/ks2/history/ancient-greece/

Read the sentences below and fill in the missing words from the word bank.

1. The first Olympic games were held in a Greek city called
   _____.

2. The Olympic games were part of a _____ festival to honour Zeus.

3. _____ and _____ were the two most important states in
   Ancient Greece.

4. Women in Sparta, unlike the rest of Greece had _____.

5. The battle of _____ is one of the earliest recorded battles in history.

6. The _____ in Greece had no rooves.

7. There were two major types of Greek plays. They were _____ and
   _____.

8. Theatres in Greece were _____ in shape.

9. They could often hold more than _____ people.

10. The actors who performed the plays were _____.

Sparta	theatres	religious	Athens
Marathon	Olympia	18,000	comedy
semi-circular	tragedy	freedom	men

Thursday Maths

1 How many hours does it take for the Earth to spin on it's axis?

2 What time is it?

_____

3 I leave home at 7:30 and arrive at work 30 minutes later. What time do I arrive?

4 Write the time as digital:

Misconception:

Tom orders UberEats at 5.30. It arrives 30 minutes later. Tom claims his order arrived at 35:30. What did Tom do wrong?

Write all your answers as 24-hour format times and convert them to 12-hour format times.

What time does the 13:00 bus from Plymtown centre get to Callymouth High St? Is this in the morning, afternoon or evening?

What time does the 09:20 bus from Burley Post office get to Launsley Library? Is this in the morning, afternoon or evening?

What time does the 16:00 bus from Callymouth College get to Launsley Town Hall? Is this in the morning, afternoon or evening?

Plymtown to Launsley Number 12 bus timetable

Plymtown centre	07:00	09:00	11:00	13:00	15:00	17:00	19:00
Plymtown rail station	07:05	09:05	11:05	13:05	15:05	17:05	19:05
Burley Post Office	07:20	09:20		13:20		17:20	
Burley – South Street	07:24	09:24	11:20	13:24	15:20	17:24	19:20
Callymouth High Street	07:55	09:55	11:50	13:55	15:50	17:55	19:50
Callymouth College	08:05	10:05		14:05	16:00	18:05	
Launsley Library	08:30	10:30		14:30		18:30	
Launsley Town Hall	08:37	10:37	12:25	14:37	16:28	18:37	20:25

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Burley Post Office	07:20	09:20		13:20		17:20	
Burley – South Street	07:24	09:24	11:20	13:24	15:20	17:24	19:20
Callymouth High Street	07:55	09:55	11:50	13:55	15:50	17:55	19:50
Callymouth College	08:05	10:05		14:05	16:00	18:05	
Launsley Library	08:30	10:30		14:30		18:30	
Launsley Town Hall	08:37	10:37	12:25	14:37	16:28	18:37	20:25

? If you need to get to Callymouth High street for 2pm, which bus should you get from Plymtown rail station?

? How long does the 09:55 bus take to get from Callymouth High Street to Launsley Town Hall?

5 mins   37 mins

09:55   10:00   10:37

37 mins + 5 mins = 42 mins
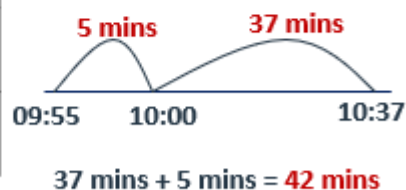
? How long does the 19:50 bus take to get from Callymouth High Street to Launsley Town Hall?

Reading timetables
Sheet 1

Here are the times for the train from London to Bristol Parkway in the afternoon.

London Paddington	12:45	13:15	13:45	14:15	14:45	15:15
Reading	13:11	13:41	14:11	14:41	15:11	15:41
Didcot Parkway		13:56		14:56		15:56
Swindon	13:38	14:13	14:38	15:13	15:38	16:13
Bristol Parkway	14:07	14:40	15:07	15:40	16:07	16:40

1. Jackie has been to a museum in London. She gets back to London Paddington at twenty past 2 in the afternoon. When is her next train to Reading? What time will she get into Reading?

2. Sandip lives in Swindon. She wants to get to Bristol Parkway so she can get to her hospital appointment in time. What train does she need to catch for her appointment at five minutes to 4?

3. Billy has arranged to meet his friend at Didcot Parkway station at 3pm. Which train does he need to catch from Reading?

4. How long does it take the train to get from London to Reading?

5. Which is the shortest journey between stops?

6. How long does it take to get from London to Bristol Parkway if the train does not stop at Didcot Parkway?

7. How much longer is the train journey when the train does stop at Didcot Parkway?

8. Choose a starting point and time, and a destination. Record the times as they would appear on a 12-hour digital watch and on an analogue watch (a watch face with hour and minute hands). Work out how long the journey would take.

Thursday English

The use of Hyphens

Use the prefixes:

co
re
–

And add them to these root words to create a new word.

operate	exist
own	invent
enter	tell
emerge	ignite
ordinate	

Why did the highwayman charge the guards?

Did he think he could win?

What would you have done?

Write the re-orientation to your newspaper article.

Reorientation

- This ends the retelling of events. It brings us up to date.
- Because it is telling us what is happening **NOW** it will move from the

past tense ⟹ present tense

Thursday PE

Watch and learn about the traditional Diwali stick dance. Can you copy it and learn the moves?
https://www.bbc.co.uk/bitesize/clips/zq83cdm

Friday English

Pick a root word and a prefix. Is it a real word? Does it need a hyphen?

co	
re	
–	

operate	exist
own	invent
enter	tell
emerge	ignite
ordinate	

What did you like about The Highwayman?

What didn't you like?

If you could change one thing in the story to make it better, what would it be?

The Highwayman

By Alfred Noyes
Illustrated by Charles Keeping
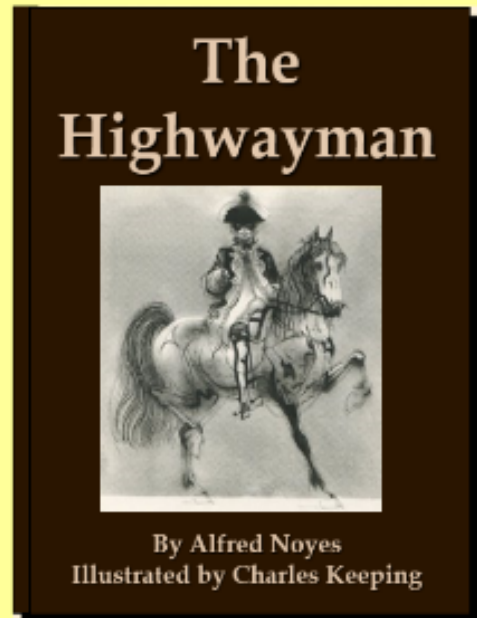
Edit your newspaper article – maybe get a grown-up to read through it – make any changes and produce a neat version.

Friday Maths

1 What is 14:15 in the 12-hour clock?

2 What is 5:00pm in the 24-hour clock?

3 How many minutes in an hour?

4 It's 5:30. I arrive at the shop 1 hour and 10 minutes later. What time is it?

Misconception:

Kurt plays a show at 8:00. The show will be 2 hours long, Kurt claims it will finish at 8:02. What did Kurt do wrong?

A film starts at 6:45pm and ends at 8.10pm. How long is the film?

15 mins 1 hour 10 mins

6:45pm 7pm 8pm 8:10pm

1 hour + 15 mins + 10 mins = 1 hour 25 mins

Find two more times with a difference of 1 hour 25 minutes, writing the start and finish times on your whiteboard.

Calculating time intervals

Here is a TV guide. It tells you what time television programmes start and finish. Look at the guide then answer the questions.

Channel ONE		App review 16:15-17:05		Speed is king 17:05-18:00		News 18:00-18:45	Soap Street 18:45-19:30	Bake the bread 19:30-20:25
Channel TWO	Terry the Teddy 16:00-16:20	Kids Quiz 16:20-16:55	Story sack 16:55-17:05	FILM: Monty goes to the Moon 17:05-18:30		Football update 18:30-19:30		Totally Trucks 19:30-20:20
Channel THREE		Railway wonders 16:10-17:05		Coastal walks 17:05-17:35	Amazing Antiques 17:35-18:10	Friday FILM: Alaskan Adventure 18:10-20:00		

1. How long is the programme Soap Street?
2. How long is the programme App review?
3. Which programme lasts half an hour?
4. Which programme lasts 1 hour and 25 minutes?
5. How long is the longest programme?
6. How long is the shortest programme?
7. How many programmes last longer than an hour?
8. How many programmes last less than half an hour?
9. A young child is watching Channel 2 at 4pm. What programme is on then?
10. Her brother is watching Totally Trucks. He goes to bed at 8pm. How much of the programme will he miss?
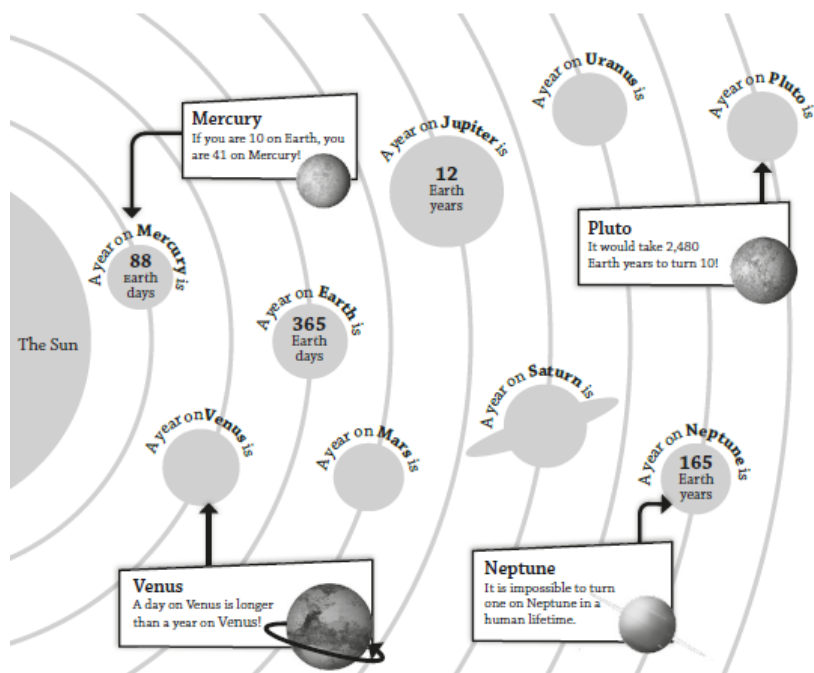
True or false

- Half an hour after quarter to midnight is 01:15
- 16:25 is half an hour before five to five
- 00:30 is half past midday.
- Twenty past three in the afternoon is 15 minutes before 15:35

Friday Science

Can you match up the number of Earth days or years to the correct planet?

225 Earth days   687 Earth days   29 Earth years
84 Earth years   248 Earth years

Mercury
If you are 10 on Earth, you are 41 on Mercury!

A year on Mercury is **88** earth days

A year on Earth is **365** Earth days

A year on Jupiter is **12** Earth years

Pluto
It would take 2,480 Earth years to turn 10!

A year on Venus is

A year on Mars is

A year on Saturn is

A year on Neptune is **165** Earth years

The Sun

Venus
A day on Venus is longer than a year on Venus!

Neptune
It is impossible to turn one on Neptune in a human lifetime.

1) Read the information about the Solar System and complete this table:

PLANET	DIAMETER	DISTANCE FROM SUN	ONE ORBIT OF SUN
	Km	Km	DAYS / YEARS
MERCURY		57,910,000	
VENUS		108,200,000	
EARTH		149,600,000	
MARS		228,000,000	
JUPITER		778,330,000	
SATURN		1,427,000,000	
URANUS		2,870,990,000	
NEPTUNE		4,500,000,000	
PLUTO		5,906,000,000	

2) Use the information about the Solar System and the table to answer the following questions:

a) Name the largest and smallest planets (not including Pluto).
b) Name two planets which are extremely hot.
c) Name two planets which are covered in, or made from thick poisonous gases.
d) Which planets have the most severe storms?
e) Why is the Earth a unique and special planet?
f) Why was Pluto downgraded to a 'dwarf planet'?

3) We know the order of the planets in the Solar System, now sort the planets in order from smallest to largest.

4) Which planet do you think is most like the Earth? Explain your answer.

Friday French

Complete these two activities online and then use the vocabulary to construct sentences.

https://wordwall.net/resource/20699458/s2-sports-opinions-french
https://wordwall.net/resource/12615496/french/s1-activit%c3%a9-7