


Year 5 Home Booklet 3

Monday

<p>Spelling</p>	<p>Write your spelling words in your book and discuss the meaning of the words with someone. Diagraph/ea/ making the sound "e" as in beach</p> <table border="1" data-bbox="363 349 1487 790"> <tr> <td data-bbox="370 353 735 786"> <p>Red weak lead neat season east speak please defeat</p> </td> <td data-bbox="742 353 1107 786"> <p>Orange creamy weakest creature teacher breathe repeat screaming increase</p> </td> <td data-bbox="1114 353 1481 786"> <p>Green cheaply disease realise decrease demeaning reasonable meaningful cheerleader</p> </td> </tr> </table>	<p>Red weak lead neat season east speak please defeat</p>	<p>Orange creamy weakest creature teacher breathe repeat screaming increase</p>	<p>Green cheaply disease realise decrease demeaning reasonable meaningful cheerleader</p>
<p>Red weak lead neat season east speak please defeat</p>	<p>Orange creamy weakest creature teacher breathe repeat screaming increase</p>	<p>Green cheaply disease realise decrease demeaning reasonable meaningful cheerleader</p>		
<p>Sentence of the day</p>	<p><u>Correctly write a range of sentences for a range of purposes.</u></p> <p>A correct sentence has:</p> <ul style="list-style-type: none"> • A capital letter • A full stop • A subject • A verb • An object • May include time and place phrases to clarify information for the reader. • Could be simple, compound or complex. <p>Write at least 3 sentences about the following:</p> 			
<p>Writing</p>	<p>Write a journal entry in your exercise book about your experiences at home over the last 2 weeks. Your entry should be 1 page long and include the following responses:</p> <ul style="list-style-type: none"> • How have you been organising the completion of your school work at home? • What have been the positive aspects about being at home? • What have you found challenging about working from home? • How did you feel at the beginning of these changes and have your feelings now changed? If so describe how? 			
<p>Reading</p>	<p>Read for at least 20 mins a book of your choice</p>			

Comprehension See attached comprehension pack 'Earthquakes'.

Problem Solving

Which container has the least liquid?

Four measuring cylinders are shown. Each has a blue circle below it. The first cylinder has a scale from 0 to 150 mL with major markings every 50 mL and minor markings every 10 mL. The liquid level is at the 50 mL mark. The second cylinder has a scale from 0 to 150 mL with major markings every 50 mL and minor markings every 10 mL. The liquid level is at the 50 mL mark. The third cylinder has a scale from 0 to 100 mL with major markings every 50 mL and minor markings every 10 mL. The liquid level is at the 50 mL mark. The fourth cylinder has a scale from 0 to 500 mL with major markings every 100 mL and minor markings every 20 mL. The liquid level is at the 50 mL mark.

Maths

In your work book write the heading Multiples and answer the questions

Multiples 12

A **multiple** is any number that can be divided equally by another number.
E.g. 12 is a multiple of 3 because 12 divided by 3 equals 4.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

25 is a multiple of 5.

A number can be a multiple of many other numbers.

7 Complete the following.
 a Circle the multiples of 5 on the hundreds grid.
 b Shade the multiples of 9 on the hundreds grid.
 c Put a cross on multiples of 10.
 d Did the multiples for each number form a pattern? _____
 e Are the multiples of 5 and 10 related? _____
 f Why was number 90 circled, shaded and crossed? _____

8 List the first 10 multiples of the number in the first box.




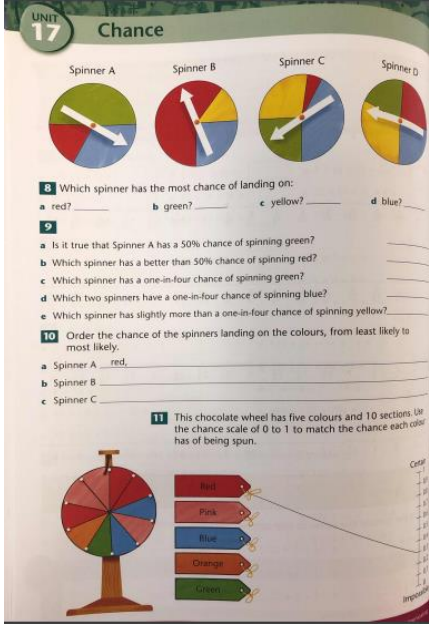
a	5								
b	3								
c	4								
d	6								
e	7								

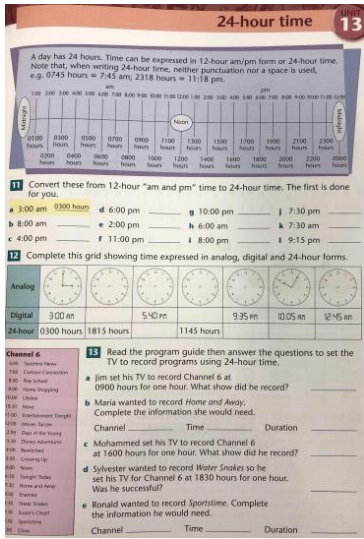
The multiples of 8 are 8, 16, 24, 32, ...

Other


Choose 1 of the following
 Write a letter to yourself, outlining the reason why you have received a citizenship award.
 OR
 Re organise your cupboard making sure all your shirts are folded.

Tuesday

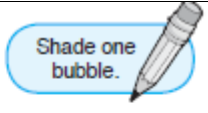
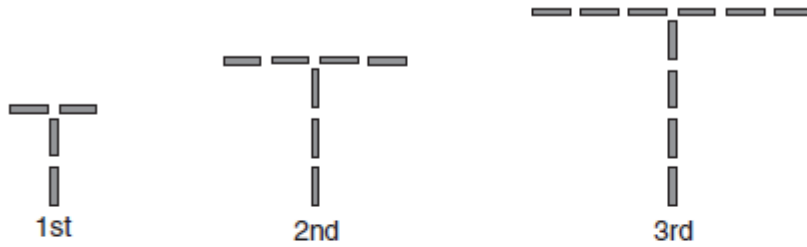
Spelling	Write 3-5 spelling words in a sentence in your book.
Sentence of the day	<p style="text-align: center;"><u>Correctly write a range of sentences for a range of purposes.</u></p> <p>Write at least 3 sentences about the following:</p> 
Writing	 <p>Your sizzling has been provided. Finish off the narrative. Make sure you write out a plan!</p> <p><i>Hidden deep in the Malaysian rainforest, is a house. Not an ordinary house of course...</i></p>
Reading	Read for at least 20 mins a book of your choice
Comprehension	Continue working on 'Earthquakes'.
Problem Solving	<p>Peter has 68 stamps. Laura has 52 stamps.</p> <p>How many stamps should Peter give to Laura so they both have the same number of stamps?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">8 <input type="radio"/></div> <div style="text-align: center;">16 <input type="radio"/></div> <div style="text-align: center;">60 <input type="radio"/></div> <div style="text-align: center;">120 <input type="radio"/></div> </div> <div style="text-align: right; margin-top: 10px;">  <p>Shade one bubble.</p> </div>
Maths	<p>In your work book write the heading Multiples and answer the questions</p> 
Other	<p>Sit silently outside and write down all the noises you can hear. Organise them into man made and natural.</p> <p style="text-align: center;">OR</p> <p>Play a boardgame with a family member.</p>

<p>Maths</p>	<p>In your work book write the heading 24 Hour Time and answer the questions</p>	
<p>Other</p>	<p>Play a game of cards with a family member OR Draw a map of your neighborhood. Label as many important places as you can. (streets, parks, shops...)</p>	

Thursday

<p>Spelling</p>	<p>Get someone to test you on your spelling words, or do a look cover write check with them.</p>
<p>Sentence of the day</p>	<p><u>Correctly write a range of sentences for a range of purposes.</u> Write at least 3 sentences about the following:</p> 
<p>Reading</p>	<p>Read for at least 20 mins a book of your choice</p>
<p>Comprehension</p>	<p>Continue working on 'Back to earth with a bump'</p>

Problem Solving



How many sticks are needed to make the 6th shape in this pattern?

13

18

19

24

Maths

I your work book write the heading 24 hr Time and answer the questions

24-hour time 13

A day has 24 hours. Time can be expressed in 12-hour am/pm form or 24-hour time. Note that, when writing 24-hour time, neither punctuation nor a space is used, e.g. 0745 hours = 7:45 am; 2318 hours = 11:18 pm.

11 Convert these from 12-hour "am and pm" time to 24-hour time. The first is done for you.

a 3:00 am 0300 hours d 6:00 pm g 10:00 pm j 7:30 pm
 b 8:00 am e 2:00 pm h 6:00 am k 7:30 am
 c 4:00 pm f 11:00 pm i 8:00 pm l 9:15 pm

12 Complete this grid showing time expressed in analog, digital and 24-hour forms.

Analog					
Digital	3:00 am	5:40 pm	9:35 pm	10:05 am	12:45 am
24-hour	0300 hours	1815 hours	1145 hours		

Channel 6

6:00	News
6:30	Cartoon Connection
8:30	Blue School
9:00	Home Shopping
10:00	Unite
11:00	News
11:30	Overnighters Tonight
12:00	News Today
1:00	Clash of the Heavy
2:30	Thompson Advertiser
4:00	Newsday
4:30	Country Up
5:00	News
5:30	Tough Trade
6:00	Home and Away
6:30	Newsday
6:55	Water Station
7:00	South Coast
7:30	Newsday
8:00	Clash

13 Read the program guide then answer the questions to set the TV to record programs using 24-hour time.

a Jim set his TV to record Channel 6 at 0900 hours for one hour. What show did he record?

b Maria wanted to record *Home and Away*. Complete the information she would need.

Channel _____ Time _____ Duration _____

c Mohammed set his TV to record Channel 6 at 1600 hours for one hour. What show did he record?

d Sylvester wanted to record *Water Station* so he set his TV for Channel 6 at 1830 hours for one hour. Was he successful?

e Ronald wanted to record *Sportsday*. Complete the information he would need.

Channel _____ Time _____ Duration _____

Other

Imagine you are an eagle. Draw what you can see.
 OR
 Take a piece of paper into your yard. Make rubbings of all the different textures you can find.

Earthquakes

The Earth's Crust

The Earth's crust and the top of the mantle have about twenty tectonic plates, which are like jigsaw puzzle pieces covering the Earth. These plates are always moving and bumping into each other. We call the edges of the plates 'plate boundaries', which are made up of faults. These faults are where most of the world's earthquakes occur. As the plates move, the edges get stuck because they are not smooth, but the rest of the plate keeps moving. When the force is too much, it slips and bumps and that causes an earthquake.



Seismograph



A seismograph (say: size-mo-graf) is a special piece of equipment that records earthquakes. Seismometers are securely fastened to the Earth, so when the ground starts to shake, the instrument's case moves too. What doesn't move is a weight that hangs on a string inside the case. When there is an earthquake, the case shakes with the ground but the weight does not, and it draws a line to show how much the ground shook. Scientists use seismograms (graphs produced by the seismograph) to measure how big each earthquake is.

Interesting Fact

Six Italian scientists were convicted of manslaughter (killing someone without planning or being hateful) and sent to prison for not predicting (knowing it was coming and warning people) the 2009 L'Aquila earthquake in which 309 people died. They argued against their cases and won, so were eventually not sent to prison.

You could try to find out:

- 1 How earthquakes are measured.
- 2 How easy they are to predict.
- 3 About other cases where prison sentences have been handed out in unusual circumstances.
- 4 How you go about arguing a decision made by a court.

Questions About Earthquakes

1. Which layer of the Earth do the tectonic plates make up and how many are there?

They make up...

2. What are plate boundaries?

Plate boundaries are...

3. Where in the world do earthquakes take place?

Earthquakes take place...

4. Describe what causes earthquakes.

Earthquakes are caused by...

5. Which part of the seismograph moves? The case or the weight on a string?

The part of the seismograph that moves is...

BACK TO EARTH WITH A BUMP!

Reported by Amanda Kelper, Media Correspondent, London

Last week, British astronaut Tim Peake returned home from an incredible six month stay aboard the International Space Station (ISS), alongside his crewmates Yuri Malenchenko and Timothy Kopra. He is the first British astronaut to have lived on the ISS.

The men were launched into space on 15th December 2015 and in the months before take-off, they trained intensively for their trip. The mission involved conducting experiments, testing out new technology and inspiring the next generation of space travellers. Peake told reporters that the highlight of his mission was a spacewalk where he had to make a repair on the space station. Whilst away from home, Tim also ran the equivalent of the London Marathon on his treadmill.

Having circled the planet nearly 3,000 times in 186 days, the crew returned home to Earth via a Soyuz capsule, which reached speeds of up to 28,000 kilometres per hour (25 times the speed of sound). The touchdown was bumpy due to high winds, however the astronauts landed safely in Kazakhstan. They all returned in good health. Having arrived back on solid ground, the astronauts were pulled out of the capsule and carried as their leg muscles were too weak to walk. Whilst sitting in their space suits, the men were checked over by medical staff. During these checks, Peake was asked how it felt to be home, 'The smells of Earth are so strong and it's wonderful to be back in the fresh air.'

Tim later flew from Kazakhstan to the headquarters of the European Space Agency in Cologne, Germany where he is recovering and adjusting to life back on Earth. Scientists are carrying out tests to see how his body has been affected by his time in space.



Landing with a bump! Tim Peake lands safely in Kazakhstan.

In a recent press conference, Peake commented on how he'd missed family and friends, and even the rain. Tim expressed how much he was now looking forward to spending some quality time with his family. When asked if he'd return to space in the future, he replied, '...in a heartbeat.'

His service to science has earned him an honour from the Queen. Peake was made a CMG, or companion of the order of St Michael and St George. In response, Tim said, 'I am only one privileged person in a complex team of technicians, scientists, engineers, educators, trainers and flight directors, all working in pursuit of one of the greatest scientific and technical challenges of our time – exploring our solar system for the benefit of people on Earth. This award is for them.'

1. How long had Peake been living on the ISS?

2. Write down **two** jobs Tim had to do on the mission.

3. Why were the astronauts carried out of the capsule?

4. What did Peake notice once he'd left the capsule?

5. What was hard about being on the ISS for so long?

6. Why do you think Tim dedicated his special honour to the entire team?

7. Give **two** reasons why space travel is important.

8. Why has a picture and caption been added to the report?
