




# Year 6 Home Booklet 3

Monday

<p>Spelling</p>	<p>Write your spelling words in your book and discuss the meaning of the words with someone. Spelling pattern: re- the prefix re- meaning 'repeating or backwards.'</p> <table border="1" data-bbox="363 434 1487 853"> <thead> <tr> <th>Red</th> <th>Orange</th> <th>Green</th> </tr> </thead> <tbody> <tr> <td>react</td> <td>reverse</td> <td>rehydrate</td> </tr> <tr> <td>repeat</td> <td>reversing</td> <td>resume</td> </tr> <tr> <td>replay</td> <td>reaction</td> <td>reflection</td> </tr> <tr> <td>remix</td> <td>refund</td> <td>reaffirm</td> </tr> <tr> <td>restart</td> <td>record</td> <td>reapply</td> </tr> <tr> <td>reread</td> <td>rewind</td> <td>refillable</td> </tr> <tr> <td></td> <td>reverse</td> <td>replayed</td> </tr> <tr> <td></td> <td></td> <td>revive</td> </tr> <tr> <td></td> <td></td> <td>restore</td> </tr> </tbody> </table>	Red	Orange	Green	react	reverse	rehydrate	repeat	reversing	resume	replay	reaction	reflection	remix	refund	reaffirm	restart	record	reapply	reread	rewind	refillable		reverse	replayed			revive			restore
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<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"> <li>• A capital letter</li> <li>• A full stop</li> <li>• A subject</li> <li>• A verb</li> <li>• An object</li> <li>• May include time and place phrases to clarify information for the reader.</li> <li>• Could be simple, compound or complex.</li> </ul> <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"> <li>• How have you been organising the completion of your school work at home?</li> <li>• What have been the positive aspects about being at home?</li> <li>• What have you found challenging about working from home?</li> <li>• How did you feel at the beginning of these changes and have your feelings now changed? If so describe how?</li> </ul>																														

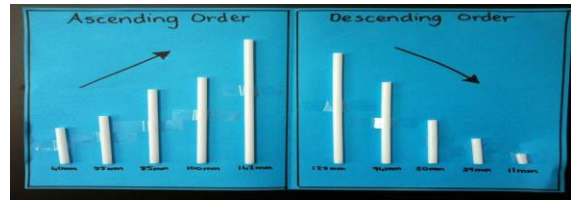
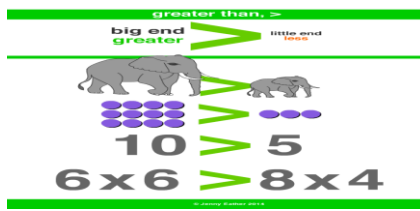
Reading	Read for at least 20 mins a book of your choice
Comprehension	See attached comprehension pack 'Earthquakes'.
Write questions in your book and answer.	
Problem Solving	Ben puts 7 flowers in each of 8 vases. He has 3 flowers left over. Ben wants to put 9 flowers in each vase. How many MORE flowers does he need?
Maths	<p style="text-align: center;"><u>Place Value</u></p> <p>The place value system helps us understand larger numbers.</p> <p><i>Write these numbers in expanded form:</i></p> <ol style="list-style-type: none"> <li>1. 2 345 980</li> <li>2. 3 452 678</li> <li>3. 654 823</li> </ol> <p><i>Convert these expanded forms to a number:</i></p> <ol style="list-style-type: none"> <li>1. 4 000 000 + 300 000 + 20 000 + 500 + 30 + 2 =</li> <li>2. 1 000 000 + 30 000 + 23 =</li> <li>3. 80 000 + 5 000 + 200 + 70 + 3 =</li> </ol> <p><i>Use your understanding of the place value system to write the next three numbers in each sequence:</i></p> <ol style="list-style-type: none"> <li>1. (+ 10 000)      33 591      _____</li> <li>2. (+ 1 000 000)      2 459 012      _____</li> <li>3. (-1 000)      708 518      _____</li> </ol>

## Tuesday

Spelling	Write 3-5 spelling words in a sentence in your book.
Sentence of the day	<p><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	A shop is selling 3 boxes of breakfast cereal for \$10 how much would it cost for 12 boxes?

Comparing numbers

When comparing and ordering numbers we may use greater than/lesser than symbols or ascending/descending order.




Show which number is greater by drawing a greater than or lesser than sign between the two:

1. 871 \_\_\_ 429
2. 167 \_\_\_ 968
3. 597 \_\_\_ 625
4. 888 \_\_\_ 136
5. 1 283 \_\_\_ 1293

Place these numbers in ascending order then reorder them into descending order:

- 1 548 654
- 550 654
- 1 547 521
- 1 485 554
- 1 547 656
- 1 256 441
- 995 841

## Wednesday

Spelling	Break your spelling words into syllables.
Sentence of the day	<p><u>Correctly write a range of sentences for a range of purposes.</u></p> <p>Write at least 3 sentences about the following:</p>  A girl with long black hair and a red dress stands on a rooftop in a fantastical, glowing town. The scene is illuminated by a bright, ethereal light, possibly from a magical source. The girl's hair is blowing in the wind. In the background, there are buildings with unique, curved roofs and a small figure on a tower. A cat is visible on the roof in the foreground.
Writing	<p>Complete the narrative in your workbook.</p> <p><i>Timidly, she pushed back the branches and peered into the clearing. Sunshine drenched the ground as it poured through the canopy above.</i></p> <p><i>She had been following the trail of clues for days, and she had finally reached her destination. Were the stories true? Was this really the place people in her village had talked about for centuries?</i></p> <p><i>She hoped her own story would have a fairytale ending, but in the back of her mind a sickening thought arose - what if something more sinister waited ahead?</i></p>
Reading	Read for at least 20 mins a book of your choice
Comprehension	<p>See attached comprehension pack 'Back to Earth newspaper report' (Back to Earth with a Bump).</p> <p>Write questions in your book and answer.</p>

Problem Solving

Mr Bunyan has 26 footballs in one bag and 35 footballs in another bag. He uses 18 balls are used for gala day training. How many balls are not used?

Maths

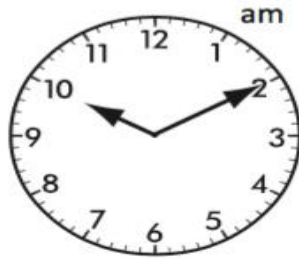
Measurement and Geometry

Convert between 12- and 24- hour time

**24 Hour Time**

When using 24 hour time we number hours from 0-23 because there are 24 hours in a day.

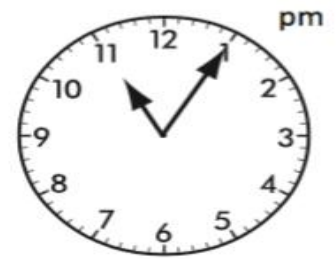
Express these times in 24 hour time:



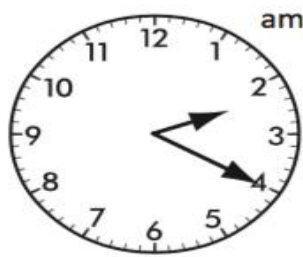
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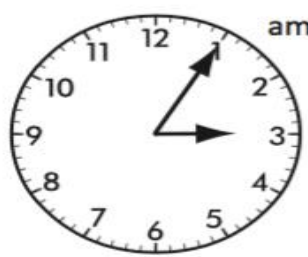
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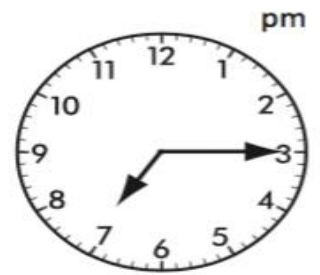
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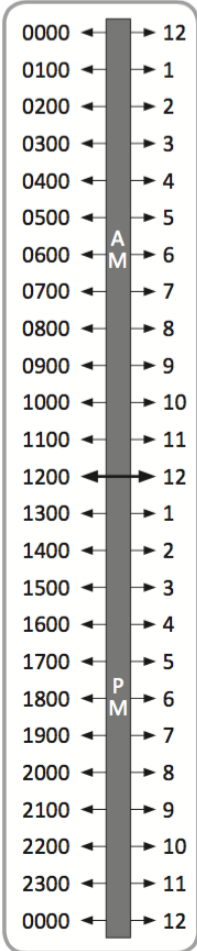
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## Thursday

Spelling	Get someone to test you on your spelling words, or do a look, cover, write, check with them.																		
Sentence of the day	<p><u>Correctly write a range of sentences for a range of purposes.</u></p> <p>Write at least 3 sentences about the following:</p> 																		
Maths	<p><u>Use timetables and determine the duration of events</u></p> <p>Timetables are used to give information about future events. Duration refers to how long something will take.</p> <table border="1" data-bbox="395 1102 1503 1489"><thead><tr><th>Movie</th><th>Screening times</th><th>Running time</th></tr></thead><tbody><tr><td>Animated Family</td><td>13:15, 15:00, 18:00</td><td>95 minutes</td></tr><tr><td>Spooky Movie</td><td>19:30</td><td>110 minutes</td></tr><tr><td>Feel Good Flick</td><td>12:00, 15:30</td><td>90 minutes</td></tr><tr><td>Shoot 'em up Classic</td><td>20:00</td><td>130 minutes</td></tr><tr><td>Highschool Woes</td><td>11:00, 13:15</td><td>120 minutes</td></tr></tbody></table> <ol style="list-style-type: none"><li>1. The first screening of Feel Good Flick is 12.00. What time does it finish?</li><li>2. Sarah arrived at the cinema at 2:45 pm. How long does she have to wait for the next screening of Animated Family?</li><li>3. Which movie ends at 9:20 pm?</li><li>4. Which movie ends at 9:20 pm?</li></ol>	Movie	Screening times	Running time	Animated Family	13:15, 15:00, 18:00	95 minutes	Spooky Movie	19:30	110 minutes	Feel Good Flick	12:00, 15:30	90 minutes	Shoot 'em up Classic	20:00	130 minutes	Highschool Woes	11:00, 13:15	120 minutes
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Problem Solving	<p>Mr Zalunardo spent \$12.30 buying paper plates for a party. Each plate cost 30 cents.</p> <p>How many plates did he buy? Read for at least 20 mins a book of your choice</p>																		

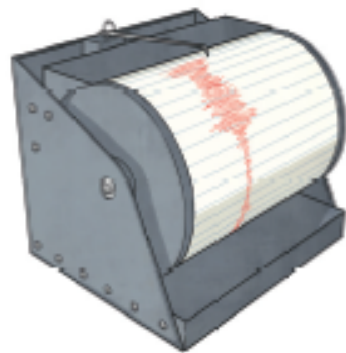
Comprehension	Continue working on 'Back to earth with a bump'
Reading	Read for at least 20 mins a book of your choice
Other	Complete the Easter Art activity. <a href="https://www.youtube.com/watch?v=Z5iMLKIzmXI">https://www.youtube.com/watch?v=Z5iMLKIzmXI</a>



# 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...

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2. What are plate boundaries?

Plate boundaries are...

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3. Where in the world do earthquakes take place?

Earthquakes take place...

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4. Describe what causes earthquakes.

Earthquakes are caused by...

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

The part of the seismograph that moves is...

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# BACK TO EARTH WITH A BUMP!

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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?

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

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

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

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

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

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

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

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