



## Year 6 Learning at home

Week beginning: Monday 4<sup>th</sup> May 2020


Dear all,

Another week done and one step closer to normality, we hope! Please continue to use this learning grid to help structure your day. We would love to see some of the work you are doing. Please share on Purple Mash, or via the school magazine.

Please try and celebrate VE day on Friday. <https://www.bbc.co.uk/teach/class-clips-video/history-ks2-the-battle-of-britain-and-beyond/zrk847h>

Reading	Writing	Maths
<p>On-going</p> <ul style="list-style-type: none"> <li>Daily reading using a home book or other reading materials e.g. a recipe, magazines, National Geographic for kids' website, BBC Bitesize reading materials.</li> <li>Continue to share your reading with an adult and record all reading in some way.</li> <li>Treat yourself to a story read by David Walliams every day at 11am online. <a href="https://www.worldofdavidwalliams.com/elevenses/">https://www.worldofdavidwalliams.com/elevenses/</a></li> <li>Complete the World book Day reading challenge if you are able to access a range of books.</li> <li>Watch Newsround</li> </ul> <p><u>Week 7</u></p> <p><b>Reading and writing tasks:</b> <b>Doors - the world of possibility</b> Click on this link below and work through the booklet. This will be at least a two week project so don't get too far ahead! <a href="https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y6-Unit.pdf">https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y6-Unit.pdf</a> -</p>	<p>On-going</p> <ul style="list-style-type: none"> <li>Learn your weekly spellings which have gone into your homework folder.</li> <li>Use Purple Mash - follow these links: Home English Spelling Resources - see below Grammar 2 Create a story 2 type (practise your typing skills)</li> </ul> <p>Handwriting - use cursive sheets <a href="https://www.twinkl.co.uk/resource/t2-e-5081-year-3-and-4-statutory-spellings-handwriting-practice-activity-sheets">https://www.twinkl.co.uk/resource/t2-e-5081-year-3-and-4-statutory-spellings-handwriting-practice-activity-sheets</a></p> <p><u>Week 7</u></p> <p><b>Reading and writing tasks:</b> <b>Doors - the world of possibility</b> Click on this link below and work through the booklet. This will be at least a two week project so don't get too far ahead! <a href="https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y6-Unit.pdf">https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y6-Unit.pdf</a></p> <p>Plus cross curricular work. Look at flight family project - see below.</p>	<p>On-going</p> <ul style="list-style-type: none"> <li>Do a page from your mental maths homework book each week.</li> <li>Use the Times Tables Rockstars website daily.</li> </ul> <p>Use Purple Mash - follow these links: Home Maths Carry out any of the activities and games.</p> <ul style="list-style-type: none"> <li>Times Tables Challenge. How many can you do in 2 minutes? Repeat daily. Create your own.</li> </ul> <p><u>Week 7</u></p> <ul style="list-style-type: none"> <li>- One session per day.</li> <li>- Use the web links below:</li> <li>- <a href="https://corbettmathsprimary.com/content/">https://corbettmathsprimary.com/content/</a></li> </ul> <p>You should be able to access each page by clicking the blue words below.</p> <ol style="list-style-type: none"> <li>Decimals: adding <a href="#">Video</a> <a href="#">15 Questions</a> <a href="#">Answers</a></li> <li>Decimals: multiplying <a href="#">Video</a> <a href="#">16 Questions</a> <a href="#">Answers</a></li> <li>Decimals: ordering <a href="#">Video</a> <a href="#">17 Questions</a> <a href="#">Answers</a></li> <li>Time <a href="#">Video 66</a> <a href="#">Questions</a> <a href="#">Answers</a></li> <li>Timetables <a href="#">Video</a> <a href="#">68 Questions</a> <a href="#">Answers</a></li> </ol> <p>Mark your own work and look carefully at any corrections</p>

**Year 6 curriculum planning - see below examples for the family project on Flight**

Science	Computing	History	Geography	Art	DT	PE	PSHCE	RE	French	Music
<p>Have a go at this:  <a href="https://www.twinkl.co.uk/resources/t2-t-16953-ks2-take-it-outside-autumn-stem-fantastic-flight-activity">https://www.twinkl.co.uk/resources/t2-t-16953-ks2-take-it-outside-autumn-stem-fantastic-flight-activity</a>                      *</p> <p>Find definitions of these words: thrust, lift, gravity, drag, friction and weight                      With the aeroplane that you make (see DT **), experiment with things like: How you throw it                      The wing and tail size                      The materials (weight) you use etc..                      What did you discover?</p>	<p>Please use our blog on Purple Mash.</p> <p>Send us some photos so that we can see what you have been up to! Jack did an amazing experiment and shrunk a crisp packet.</p> <p>What have you done?</p> <p><b>Networks</b></p> <ul style="list-style-type: none"> <li>• To research and find out about the age of the internet.</li> <li>• To think about what the future might hold.</li> </ul> <p>Think about the changes in technology that they have seen so far in their lifetime.</p> <ul style="list-style-type: none"> <li>• Mobile phones: how does this technology change when new</li> </ul>	<p>Who were the Wright brothers?</p> <p>Revisit our work on WW2 and find our more about WW2 planes. Which is your favourite and why?</p> <p>Find out about VE day. Why are we celebrating it again on Friday?  <a href="https://www.twinkl.co.uk/resources/t2-h-5399-ks2-ve-day-information-powerpoint">https://www.twinkl.co.uk/resources/t2-h-5399-ks2-ve-day-information-powerpoint</a></p>	<p>Have a go at these maths problems and then create your own.  <a href="https://www.twinkl.co.uk/resources/t-he-187-multi-step-problems-around-the-word-flights">https://www.twinkl.co.uk/resources/t-he-187-multi-step-problems-around-the-word-flights</a></p> <p>Choose one location in the above problems and create a fact file. Can you be persuasive?                      After reading it, will someone want to visit your location?</p> <p>Share it with someone in your family.</p>	<p>Do some colouring. Try to stick to our theme of flight!  <a href="https://www.twinkl.co.uk/resources/t-tp-084-military-colouring-pages">https://www.twinkl.co.uk/resources/t-tp-084-military-colouring-pages</a>  <a href="https://www.twinkl.co.uk/resources/t-tp-5247-bird-and-candle-themed-mindfulness-colouring-pages">https://www.twinkl.co.uk/resources/t-tp-5247-bird-and-candle-themed-mindfulness-colouring-pages</a></p> <p>Last week was St. George's Day. Can you draw a picture of a dragon?                      Be as creative as you like!                      You could even create a collage.</p>	<p>Linked to science*/**                      Make a paper aeroplane **  <a href="https://www.twinkl.co.uk/resource/t-2-d-023-how-to-make-a-paper-aeroplane">https://www.twinkl.co.uk/resource/t-2-d-023-how-to-make-a-paper-aeroplane</a>                      Make a helicopter*  <a href="https://www.twinkl.co.uk/resource/t-t-14397-sycamore-seed-making-helicopters-activity">https://www.twinkl.co.uk/resource/t-t-14397-sycamore-seed-making-helicopters-activity</a>                      Help make some food for an indoor street party to celebrate VE day.</p>	<p>Keep active.</p> <p>Do Joe Wick's early morning workout.</p> <p>Go for a walk every day and see what you can see that flies.</p>	<p><a href="https://www.bbc.co.uk/teach/class-clips-video/pshe-ks1-ks2-proud-to-be-a-pilot/zdgtscw">https://www.bbc.co.uk/teach/class-clips-video/pshe-ks1-ks2-proud-to-be-a-pilot/zdgtscw</a></p> <p>Watch the video - Proud to be a pilot.</p> <p>Discuss with a family member what you are proud of.</p> <p>Complete the sheet 'Today I am proud' which can be found below.</p>	<p>Pilgrimages</p>  <p>Find out what a pilgrimage is.</p> <p>Look at the pictures below showing Christian places of pilgrimage.</p> <p>Choose one and research why it is a place of pilgrimage.</p> <p>Think about if you were going on a pilgrimage today, how would you get there? What would you do? How do you think this is different from pilgrimages in the past? Would anything be the same?</p>	<p>See below</p>	<p>Listen to the piece: <b>Flight of the Bumblebee'</b>  <a href="https://youtube.com/watch?v=aYAJopwEYv8">https://youtube.com/watch?v=aYAJopwEYv8</a></p> <p>Who wrote it?</p> <p>When was it written?</p> <p>Why was it written?</p> <p>Are there other arrangements of it - for different instruments?                      See what you can find.</p> <p>Listen to this and prepare to be amazed!</p>

	mobile phones are produced? • TVs • New games consoles • New tablets • New PCs Can you find out about Sir Tim Berners-Lee and what he is famous for? Complete the 2Do in Purple Mash or write out your research in your exercise book.									<a href="https://youtu.be/M93qXQW_aBdE">https://youtu.be/M93qXQW_aBdE</a>
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## **French:**

Bonjour les enfants I hope you are all well and are continuing to do some French each week.

This week I am going to ask you to research some famous French aviators the Mongolfier brothers. Watch one of the following clips <https://www.youtube.com/watch?v=-TRtQnaopUQ> <https://www.youtube.com/watch?v=jjqdgbFGFiE> to find out what they invented.

Draw a cartoon strip to show the story or write a newspaper report.

You might also like to find out about another famous French aviator Louis Bleriot by watching the following clip <https://www.youtube.com/watch?v=ThIC41uEhSg>

Watch some of the stories and/or play some of the games on Babelzone Unit 7 On Y Va

<http://www.lcfclubs.com/babelzoneNEW/flashFR/07Fhenriscar/>

<http://www.lcfclubs.com/babelzoneNEW/flashFR/07match-intro/07match.html>

Make a list of transport words you have learnt.

Here are some more activities you could do for the 'family project'. We don't expect you to do both, but this just gives you plenty of options to choose from!

## Family challenge project for the week beginning 04.05.20

### What would you like to find out about 'FLIGHT'? You set the goals.

Friday 8<sup>th</sup> May is the 75<sup>th</sup> anniversary of VE Day. Find out about the World War II pilots who flew in the Battle of Britain before this special celebration day. <https://www.bbc.co.uk/teach/class-clips-video/history-ks2-the-battle-of-britain-and-beyond/zrk847h>

#### Science

- Find out about the Montgolfier brothers who invented hot air balloon flight. <https://www.youtube.com/watch?v=jjqdgBFGFiE>
- The history of balloon flight <https://www.youtube.com/watch?v=GgnDWx1CP6k>
- Find out about learning to be a pilot and famous flights <https://www.bbc.co.uk/teach/class-clips-video/pilot/zdgtscw>
- Design and test some paper aeroplanes. There are some amazing designs to try. Which ones fly best inside? Which are best outside? <https://www.foldnfly.com/index.html#/1-1-1-1-1-1-1-2> How can you measure your flight length accurately? What do you need to do to you make your test fair?
- Experiment with air pressure using a ping pong ball (or a scrunpled up ball of paper) and a hair dryer <https://www.sciencekids.co.nz/experiments/pingpongball.html>

#### Easy experiments with air pressure

- Challenge 1: hold a rectangular piece of paper close to your mouth, blow across the top of it and get the paper to move down. Sounds simple enough but give it a go and see if you change your mind.
- Challenge 2: try and make a piece of paper into a simple bridge and get the bridge to rise up by blowing under it.
- Challenge 3: hold 2 paper strips near your mouth, blow between them and get them to fly apart.

**What happened?** What a surprise! When you blew across the paper it went up not down! You blew under the bridge and the bridge went down not up. You blew between the streamers and they moved in, not out. Why? Because of the air pressure ...

- Your fast moving breath has less push (less air pressure) than the still air below the paper.
- The still air with the greater pressure pushes up into the low pressure area. It lifts the paper up with it.

	<ul style="list-style-type: none"> <li>• These interesting results are due to the Bernoulli effect, remember it because it plays an important role in our ability to fly. Find out more <a href="https://www.sciencekids.co.nz/lessonplans/flight/flightintroduction.html">https://www.sciencekids.co.nz/lessonplans/flight/flightintroduction.html</a></li> <li>• Make a simple paper helicopter <a href="https://www.wikihow.com/Create-a-Paper-Helicopter">https://www.wikihow.com/Create-a-Paper-Helicopter</a> How can you improve your model? Different types of paper or card? Longer or shorter blades? The position of the paper clip?</li> </ul> <p>Forces: Find out about gravity - the force that keeps us all on the ground - and the amazing scientist who discovered it. <a href="https://www.bbc.co.uk/teach/class-clips-video/science-ks2-discovering-the-work-of-Sir-Isaac-Newton/zr4mf4j">https://www.bbc.co.uk/teach/class-clips-video/science-ks2-discovering-the-work-of-Sir-Isaac-Newton/zr4mf4j</a></p>
<b>History and Geography</b>	<ul style="list-style-type: none"> <li>• <b>Flight or Fright.</b> Read this amazing book on Oxford Owl. <a href="https://www.oxfordowl.co.uk/api/interactives/12945.html">https://www.oxfordowl.co.uk/api/interactives/12945.html</a></li> <li>• <b>A Life in the Sky.</b> Read this wonderful book on Oxford Owl. <a href="https://www.oxfordowl.co.uk/api/interactives/12935.html">https://www.oxfordowl.co.uk/api/interactives/12935.html</a></li> <li>• Find out about the first attempts to make flying machines. Watch these early attempts at human flight. Funny or dangerous? <a href="https://www.youtube.com/watch?v=fw_C_sbfyx8">https://www.youtube.com/watch?v=fw_C_sbfyx8</a></li> <li>• Who were the first to invent a flying machine that worked? <a href="https://www.youtube.com/watch?v=fZyZxDWjkZO">https://www.youtube.com/watch?v=fZyZxDWjkZO</a> What else did they invent? Was the 20<sup>th</sup> century the century of flight? Can you make a presentation to tell others about the invention of flying?</li> <li>• Research Amelia Earhart. Create a fact file about her.</li> <li>• Watch real film footage about the first successful flights. <a href="https://www.youtube.com/watch?v=q3beVhDiyio">https://www.youtube.com/watch?v=q3beVhDiyio</a> Why is it all in black and white?</li> <li>• Perseverance <a href="http://www.wright-brothers.org/Information_Desk/Help_with_Homework/Wright_Photos/Wright_Photos.htm">http://www.wright-brothers.org/Information_Desk/Help_with_Homework/Wright_Photos/Wright_Photos.htm</a></li> <li>• The development of air travel <a href="https://www.bbc.co.uk/bitesize/clips/z82xpv4">https://www.bbc.co.uk/bitesize/clips/z82xpv4</a> Did you know that Hatfield played a very special part in the history of flight? See what you can find out about the part Hatfield played. <a href="https://www.dehavillandmuseum.co.uk/">https://www.dehavillandmuseum.co.uk/</a></li> <li>• Make a time line for the development of successful human flight. Include all types of flight including space travel.</li> <li>• Use the History of Flight powerpoint to start off your own research into human flight.</li> <li>• What do you know about space flight? Find out about the space race and the first moon landing <a href="https://www.bbc.co.uk/newsround/48789792">https://www.bbc.co.uk/newsround/48789792</a> and <a href="https://www.nasa.gov/multimedia/hd/apollo11_hdpage.html">https://www.nasa.gov/multimedia/hd/apollo11_hdpage.html</a> and <a href="https://www.bbc.co.uk/bitesize/topics/zjwvb82/articles/zhx4k2p">https://www.bbc.co.uk/bitesize/topics/zjwvb82/articles/zhx4k2p</a></li> <li>• Make a space travel time line full of astounding facts or pretend you are a journalist and write a newspaper report about the first moon landing.</li> <li>• Pretend you are an astronaut and write a diary about going to the moon – try to use some space vocabulary in your writing.</li> <li>• <b>Friday 8<sup>th</sup> May is the 75<sup>th</sup> anniversary of VE Day.</b> Find out about the World War II pilots who flew in the Battle of Britain before this special celebration day. <a href="https://www.bbc.co.uk/teach/class-clips-video/history-ks2-the-battle-of-britain-and-beyond/zrk847h">https://www.bbc.co.uk/teach/class-clips-video/history-ks2-the-battle-of-britain-and-beyond/zrk847h</a></li> </ul>
<b>Art and DT</b>	<ul style="list-style-type: none"> <li>• Henri Matisse made art by cutting out coloured paper shapes and sticking them onto a back ground. Look at his picture of Icarus: <a href="http://www.henri-matisse.net/cutouts/b.html">http://www.henri-matisse.net/cutouts/b.html</a> Can you make a Matisse cut out picture?</li> <li>• Design and make a parachute for a lego figure. Use these videos to inspire your ideas. <a href="https://www.bbc.co.uk/teach/class-clips-video/science-design-and-technology-ks2-harnessing-air-resistance-with-parachutes/zips382">https://www.bbc.co.uk/teach/class-clips-video/science-design-and-technology-ks2-harnessing-air-resistance-with-parachutes/zips382</a> and <a href="https://www.youtube.com/watch?v=pqKFLPntcxs">https://www.youtube.com/watch?v=pqKFLPntcxs</a> Ask your family first if you want to try it out with an egg!</li> </ul>

	<ul style="list-style-type: none"> <li>• Try this really tricky tissue paper balloon design <a href="https://www.stem.org.uk/resources/elibrary/resource/31670/hot-air-balloons">https://www.stem.org.uk/resources/elibrary/resource/31670/hot-air-balloons</a></li> <li>• Design your own flying machine or a magical flying carpet for one of your toys. Write an adventure story about them.</li> <li>• Make a recycled aircraft <a href="https://www.twinkl.co.uk/resource/make-an-aeroplane-with-recycled-materials-craft-instructions-t-tp-69727">https://www.twinkl.co.uk/resource/make-an-aeroplane-with-recycled-materials-craft-instructions-t-tp-69727</a></li> </ul>
<b>RE</b>	<ul style="list-style-type: none"> <li>• Escape from Egypt: the Old Testament story of Moses and the flight from Egypt. 'Flight' means <i>escape</i> in this story.</li> <li>• <a href="https://www.bbc.co.uk/bitesize/clips/zbsb9j6">https://www.bbc.co.uk/bitesize/clips/zbsb9j6</a></li> </ul>
<b>Music</b>	<ul style="list-style-type: none"> <li>• The story of Icarus told through interpretive dance <a href="https://www.bbc.co.uk/teach/class-clips-video/once-upon-a-time-icarus-no-narration/zf7xnrd">https://www.bbc.co.uk/teach/class-clips-video/once-upon-a-time-icarus-no-narration/zf7xnrd</a></li> <li>• Listen to some 'out of this world' music. Close your eyes and let the music transport you into space. <a href="https://www.classicfm.com/music-news/7-times-classical-music-was-inspired-by-space/">https://www.classicfm.com/music-news/7-times-classical-music-was-inspired-by-space/</a></li> <li>• Sing-a-long <a href="https://www.youtube.com/watch?v=UPqS26ZhqZs&amp;list=RDUPqS26ZhqZs&amp;start_radio=1&amp;t=50">https://www.youtube.com/watch?v=UPqS26ZhqZs&amp;list=RDUPqS26ZhqZs&amp;start_radio=1&amp;t=50</a></li> </ul>
<b>Other ideas</b>	<ul style="list-style-type: none"> <li>• Identify birdsongs. The best time to hear them is at the start or end of the day. <a href="https://www.woodlandtrust.org.uk/blog/2019/04/identify-bird-song/">https://www.woodlandtrust.org.uk/blog/2019/04/identify-bird-song/</a></li> <li>• Watch the film 'Up' and design a poster to advertise it. Write a blurb for the poster that will get the reader interested but doesn't give the story away too much.</li> </ul>



## Sumdog

1. If you have not completed the diagnostic training do this.

2. Maths -

3. Grammar -

4. Spelling -

## Times Tables Challenge:

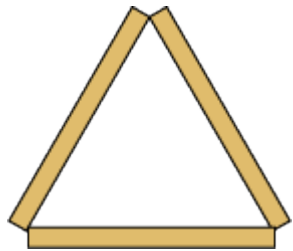
X	7	4	3	9	6	8	5	12
11								
4								
8								
7								
3								
9								
5								
2								
6								
Time: 2 minutes				Score: <u>    </u> / 72				

X								
Time:	minutes							Score: <u>    </u> / 72

## Sticky Triangles

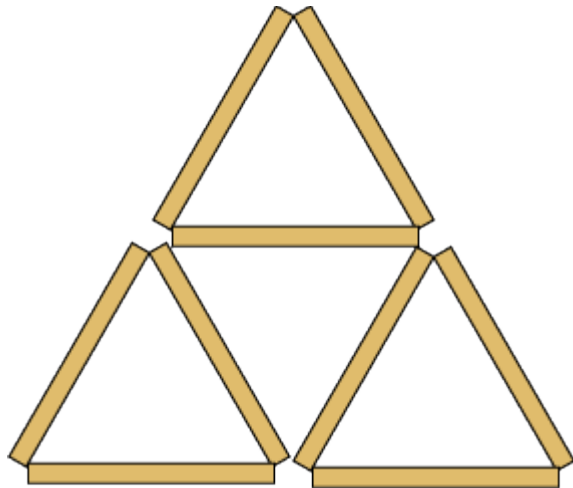
I was exploring a puzzle in which headless match sticks had to be moved to make a different number of triangles.

I made one small triangle



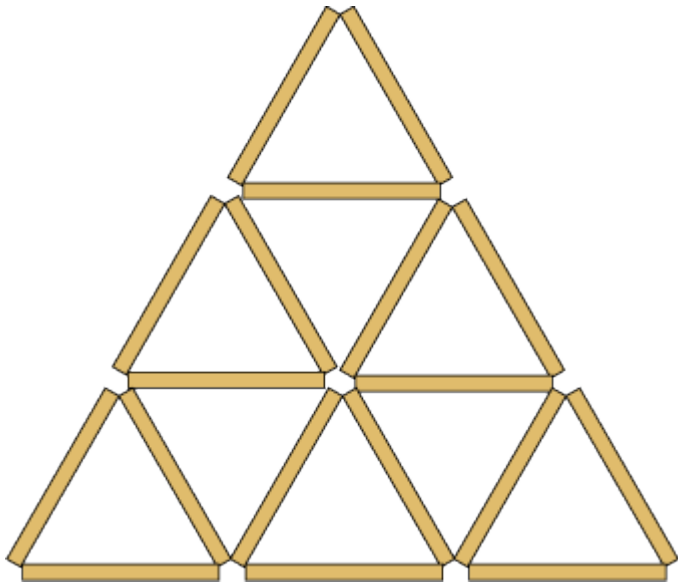
3 matches

I made it into 4 small triangles by adding 6 matches.



9 matches

I added another row and counted the number of small triangles and counted the matches.



I made a table of my results and continued adding rows. I found many patterns.

Have a go and see what patterns you can find. You do not have to use match sticks (or cocktail sticks) - drawing lines will do just as well.

Find a good way to record your results. See if you can predict the numbers for rows of triangles you have not drawn.

When you have done all you can with triangles, see if you get the same sort of results with squares. Then think of other shapes which might make number patterns as they grow.

# Today I Am Proud

This morning, I am proud of myself because...

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



This evening, I am proud of myself because...

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





**Bethlehem (Palestine)**

twinkl.com



**Nazareth (Israel)**

twinkl.com



**Jerusalem  
(Israel/Palestine)**

twinkl.com

Photos courtesy of Masterjohn1881 and Mohammed Moussa - granted under creative commons licence



**St. Peter's Basilica,  
Rome (Italy)**

twinkl.com



**Santiago de  
Compostela (Spain)**

twinkl.com



Photo courtesy of Masterjohn1881- granted under creative commons licence

**Mount Sinai (Egypt)**

twinkl.com

# The Hunger Games Answers

1. Find and copy the word that tells you that the tributes must stand on their metal circles for sixty seconds.

**required**

2. The word 'equidistant' is closest in meaning to.... (Circle one).

different distances      **same distance**      in the middle      far away

3. How might the tributes be feeling as they wait on their metal circles? Why?

**Accept any suitable emotion with justification from the text, e.g**

- **terrified because of the danger that surrounds them.**
- **determined to get some of the supplies that will give them life.**

4. What do you think will happen to the tributes when the gong goes off?

**Accept any sensible prediction with justification from the text, e.g**

- **someone might step off early and lose their legs;**
- **they will run to the Cornucopia to get the food and weapons, etc;**
- **they might fight with each other to get the best things from the Cornucopia.**

# How Volcanoes Erupt Answers

1. Find and copy the word that tells you that the pressure build-up is intense.

**extreme**

2. Tick true or false in the following table:

	True	False
Eruptions happen above the Earth's surface.		✓
Pressure within the Earth causes the magma to rise to the Earth's surface.	✓	
When the lava turns black it is known as basalt.	✓	

3. The word closest in meaning to 'culminates' is...(Circle one).

combines

**results**

begins

buries

4. Where is the lava stored in a volcano?

**Lava is stored in the magma chamber.**

## Spellings Keywords

The National Curriculum lists a number of words that children in Years 5 and 6 should be able to spell correctly and know what they mean.

Write a series of sentences with each word beginning with the next letter of the alphabet. Start with A and go all the way to Z.

Here's an example: **A**dam's **b**ag contains **d**ried **e**ggs.

### Look, Cover, Say, Write, Check

Word	Write	Write	Write	Write
aggressive				
average				
communicate				
correspond				
dictionary				

