

**Year 6**  
**Home Learning 13**



Here are some topics which you can work from at home. All work can be recorded in a way you choose. This grid is similar to what the Year 6 children are learning about in school.

Each day we put a 'Word of the Day' on the grid below. See if you can:

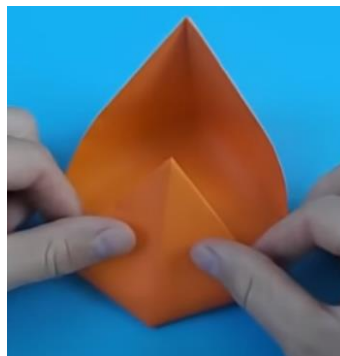
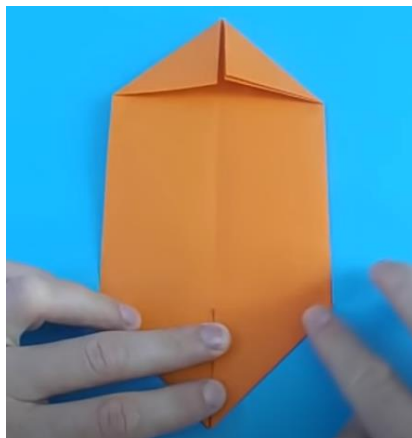
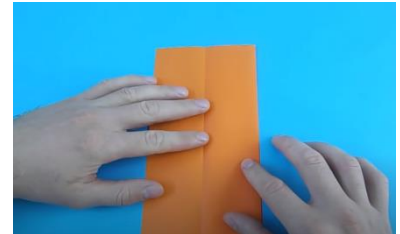
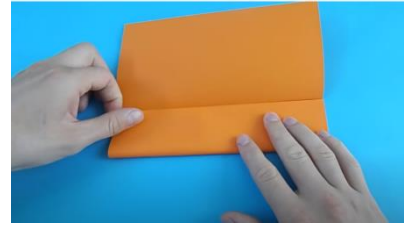
- Find the definition
- Use the word in a sentence
- List any synonyms
- List any antonyms
- Use the word in a different context
- Use an image to represent the word - be creative!

		English	Maths	Physical learning	Science	PSHE/Creative
Monday	mediocre	<a href="https://www.literacyshed.com/nightzoo.html">https://www.literacyshed.com/nightzoo.html</a> - Website to use all week  <b>Creating a character</b>  Follow instructions on the website and invent your own character to live in the World of Night	<a href="https://myminimaths.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-monday/">https://myminimaths.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-monday/</a>  My Maths			Sex Education  Please see resources for Sex Education that have been sent to you today.
		<b>Story setting</b>  Follow instructions Describe a setting for the character you invented yesterday.	<a href="https://myminimaths.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-tuesday/">https://myminimaths.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-tuesday/</a>  <a href="https://classroom.thenational.academy/lessons/percentage-of-an-amount">https://classroom.thenational.academy/lessons/percentage-of-an-amount</a>	<b>Scavenger Hunt Fitness Quest</b>  Click on this link: <a href="https://youtu.be/esGv66EzQJ8">https://youtu.be/esGv66EzQJ8</a>  See if you can find and touch the objects to earn yourself points. Can you get someone to do it with you? Who can get to the objects first?		
Tuesday	precious					

Wednesday	quirky	<b>A problem to address</b>  Follow instructions  Can you think of a problem to go with your story?	<a href="https://myminimat.hs.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-wednesday/">https://myminimat.hs.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-wednesday/</a>			<b>Paper Origami Boat</b>  Click on this link <a href="https://youtu.be/6X7g5RWSEq4">https://youtu.be/6X7g5RWSEq4</a>  And have a go at making an Origami boat. It should float. Could you test it in the sink or bath? Maybe try putting objects of different weight inside it such as a penny or bottle top. Does it float or sink?  See attached sheet if you can't watch the tutorial.
			<a href="https://classroom.tenational.academy/lessons/percentage-increase-cc80c1">https://classroom.tenational.academy/lessons/percentage-increase-cc80c1</a>			
Thursday	conventional	<b>Solving the problem</b>  Follow instructions  Can you think of a solution that you will use in your story, based on the problem you created in the previous lesson?	<a href="https://myminimat.hs.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-thursday/">https://myminimat.hs.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-thursday/</a>		<b>Science</b>  <b><u>Drop the egg experiment.</u></b>  Please see sheets below  What is the best way to protect the egg?  Make your predictions first.	
			<a href="https://classroom.tenational.academy/lessons/percentage-decrease-42b8e1">https://classroom.tenational.academy/lessons/percentage-decrease-42b8e1</a>			
Friday	ornate	<b>Write the story.</b>	<a href="https://myminimat.hs.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-friday/">https://myminimat.hs.co.uk/year-6-to-7-transition-week-4-drawing-3d-shapes-on-isometric-paper-friday/</a>	<b><u>Cooperative Towel Challenges</u></b>  Click on this link: <a href="https://youtu.be/CALm-DwxUx4">https://youtu.be/CALm-DwxUx4</a>  You need a towel, a partner, a soft toy and a ball.  This is great played outside but you will need a wall for one of the challenges.  Good luck.		
			<a href="https://classroom.tenational.academy/lessons/problems-involving-percentages">https://classroom.tenational.academy/lessons/problems-involving-percentages</a>			

Wednesday

Art – Origami Boat



# Egg Drop Science Experiment

## You will need:

A box of raw eggs

Newspaper

A roll of paper towel

Straws

Old socks

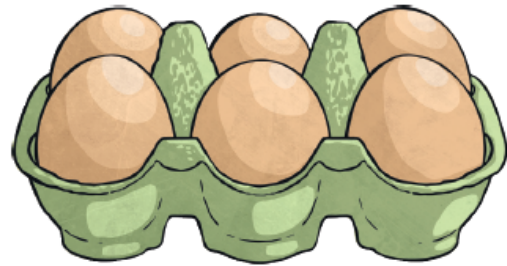
Balloons

String

Fabric

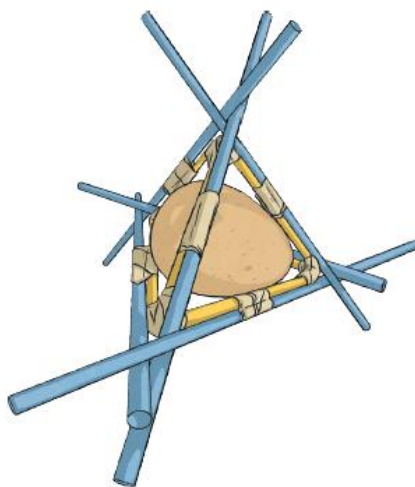
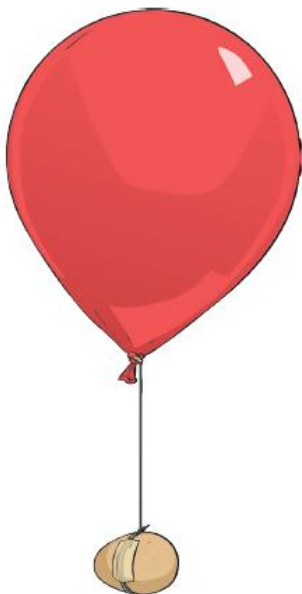
Scissors

Masking tape



In this experiment, you are going to investigate if you can drop an egg without breaking it.

1. With your partner, think about four ways you could test your egg.
2. Use the prompt sheet to help you to plan your investigation.
3. Consider how you are going to make the experiment a fair test.
4. Record your predictions on the record sheet.
5. Test your egg to see if you can stop it from breaking.
6. Record your results on the record sheet. Were your predictions correct?



# Egg Drop

## Science Experiment



What materials could you wrap your egg in to stop it from breaking?



How many layers would you need?



Could you make a parachute for your egg?



Could you construct a case for it?



What height will you drop the egg from?



What other materials could you test?

# Egg Drop Science Experiment

How will you carry out your test?

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What will you do to make your test fair?

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**Record your predictions and results on the table below.**

[illegible]