

Homework Grid



Phase: 5/6

Term: Spring 2 term How can we save our planet?

Please choose at least one activity to complete each week in your homework book. Homework will be set every Thursday and collected in the following Monday. You are expected to complete spelling pattern work, weekly reading (at least 3 times per week), times tables work and Mathletics activities weekly too.

	1 point	2 points	3 points	4 points	5 points
Literacy	Using the spellings words for this week, write them in sentences about our theme.	Why should we recycle? Write down 5 facts to answer the question.	Write a letter to your local councillor informing them of how your town can improve their recycling.	Imagine you are a plastic bottle. Write a diary entry about how you see your friends (other plastic bottles) just thrown in the normal bin and how you hope you get recycled. Make sure you show your feelings.	Create a new superhero who is going to save the planet. Include a character profile about your new superhero. Include the hero's likes and dislikes, admires and aims.
Maths	Choose a times table that you are unsure of and copy it out. For each one write all the related division number sentence. Eg $3 \times 4 = 12$. $12 \div 4 = 3$ $4 \times 3 = 12$ $12 \div 3 = 4$ $40 \times 3 = 120$ $120 \div 3 = 40$ $30 \times 4 = 120$ $120 \div 4 = 30$ $0.3 \times 4 = 1.2$ $1.2 \div 4 = 0.3$	List the number of items that are recyclable in your kitchen. Find the difference between those that are recyclable and those that aren't.	In your household, find out how many items each person recycles in a given day. Show your results as a graph. Interpret the data you have collected.	Using a dice or number cards, create different calculations (+, x, - and \div). Remember to push yourself to use up to four digits. Create word problems linked to recycling or renewable energy, to go with your calculations.	Create your own new renewable energy source (eg. A new wind turbine model) from different shapes. Ensure you name the shapes you use and three properties for each shape.
Theme	Research different recycling logos and explain what they mean.	Create your own word search with 10 theme related words	Create a persuasive poster to encourage people to recycle. Use rhetorical questions, a catchy slogan and effective persuasive language.	Research a famous artist. Create your own art piece out of recycled materials based on the work of an artist you have researched.	Create something with a new purpose out of recycled material. Make sure you ask first and that the materials you use are clean and safe.

See over leaf for details of Spellings and Times Tables for the term



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Times tables for Years 5 & 6

At the end of year 4 all children should know their times tables up to 10. At the end of year 5, all children should know all their times tables up to 12 x 12. In year 6 we expect all children to have a rapid recall of all the times tables and their related division facts in any order.

Can you derive other calculations from one that you already know?

e.g. $3 \times 4 = 12$ so we know that $30 \times 4 = 120$ or $30 \times 40 = 1200$ or $0.3 \times 4 = 1.2$ or $0.3 \times 0.4 = 0.12$

Can you find an answer to a question given a fact

e.g. $29 \times 14 = 406$ How can this fact help you find the answer to 31×14 ?

Can you remember and learn all the different types of special numbers?

Square numbers e.g. $3 \times 3 = 9$, $5 \times 5 = 25$, $9 \times 9 = 81$, $11 \times 11 = 121$, $12 \times 12 = 144$

Prime numbers are numbers that are only divisible by itself and 1 **Remember 1 is not a prime number!**

Factors – whole numbers that divide exactly into another number

Multiples – a number that can be exactly divided by another

Spellings

Spellings are set weekly and should be practised at least 3 times per week. Ask your child how well they are remembering their spellings.

Maths

Don't forget that your child can use Mathletics – this is a great way to keep those maths skills sharp!

Reading

Children should read at least 3 times per week and record it in their reading logs. If your child has lost their reading log, a new one can be purchased for £1. The children are put into a lucky dip every time they read with an additional 30 Early Bird points up for grabs if they are chosen! Here is the link to Oxford Owl reading where you can access books at home.

<https://www.oxfordowl.co.uk/for-home/reading-owl/reading>