# Homework

## Year 6

## Autumn 2 Learning opportunities: High Energy

Here are a variety of OPTIONAL activities which you may wish to do with your child out of school to support and extend their learning in school.

This page is designed to help families to 'Enjoy Learning Together at Home'. However, if your child would like to share any of these tasks with us, we'd be delighted to see their work.

**We will set spellings to learn fortnightly, Maths and SPAG.com weekly and encourage daily reading.**

| Spelling | Maths | Writing | Reading | Computing |
|---|---|---|---|---|
| Practise the Year3/4 and Year 5/6 statutory word lists, using games that we have learnt in school. | **Become a quick-fire mental maths mega-mind.**<br>How quick can you recall your times tables and number facts?<br><br>You could help your child at home by allowing them to play on TT Rockstars. This will help them with the fluency of their timetables.<br><br>'Hit the button' is also another online activity on the Topmarks website.<br>Prodigy Maths | Write a book review/poster discussing a book you are reading at the moment or a book you have read previously, for us to display in our adding areas. | Encourage your child to read regularly at home. Support them with their reading by asking questions about what they have read.<br><br>Find your favourite poem and recite / perform to the class.<br><br>Following on from last half-term's English, listen to a book you are familiar with being read aloud on YouTube or audible.<br>Decide if you think it is being read well or not?<br>Record yourself reading aloud and see if you sound fluent and expressive! Could you get a job as an audiobook narrator? | You could help your child to develop their touch typing skills by enjoying BBC dance mat typing<br><br>Computing KS2 - Dance Mat Typing - BBC Bitesize |

Here are some ideas if you wish to carry out a mini-project on an aspect of our learning in school.

**Science: Classifying Living Things**

Who was Carl Linnaeus? Write a fact-file.
What other scientists are famous for their work on living things and their habitats?

What are the 5 Kingdoms?

Create some true/false cards linked to them.

Play 20 questions! Think of a living thing and get your partner to ask 20 questions that can be answered with a 'yes' or 'no' only. See how few questions they can guess your living thing in. Swap over and see if you can guess in fewer questions.
e.g. does it have fur?

**Geography: Energy**

Use the internet or books to research facts about renewable and non-renewable resources – Present your research on both kinds, including the advantages and disadvantages of both. You could present it in the form of a PowerPoint.



Write an information leaflet on the range of renewable resources that are available to people today. Think about what information they would need to know and what might persuade them to change to renewable energy.

Make a model incorporating different renewable energy resources  e.g. wind, water, solar.

**Music**

Research different kinds of percussion instruments. Present it in a form of your choice – PowerPoint, poster, leaflet.

Have a look at the newsletter for this half term, can you investigate further one of the subjects that you are interested in?

**Please remember the grid is optional.  House Points will be given for extra homework.**