Home Learning Pack – Year 6

Dear Parents and Carers,

Please find in this pack resources you may find useful to help support your child’s learning at home. The pack contains a range of activities, links to useful websites plus some useful practice papers (answers in the back). In addition, the children were also given revision books for Maths and English subjects earlier this term and these are useful aids to help with their learning and revision.

The JYS website will be regularly updated with information in how to help support your child’s learning. If you would like to contact me directly, then please email sean.harman@jys.org.uk

**Maths**

In maths, we are currently focusing on **properties of shapes** and **statistics**. The objectives for these areas are stated below:

Properties of shapes

-Draw 2-D shapes using given dimensions and angles.

-Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons.

-Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

Statistics

**-** Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.

-Interpret and construct pie charts and line graphs and use these to solve problems.

-Calculate the mean as an average.

Videos with step-by-step guidance in explaining the above objectives as well as useful revision videos can be found here: <https://corbettmathsprimary.com/content/>

Each day this term, the children have been practicing arithmetic questions. Practice arithmetic questions can be found in the pack and additional papers can be found here: <https://www.vocabularyninja.co.uk/arithmetic.html>

Links to past SATs papers (maths, reading and SPAG) can be found here: <https://www.satspapers.org.uk/Page.aspx?TId=5>.

**Reading**

In addition to reading, please find in this pack a reading menu with lots of different activities for them to consider. It would be fantastic to keep a note of what they are reading and to review any books they have enjoyed reading.

**Writing**

Inspired by out current geography focus (volcanoes and the Galapagos Islands), we have started to learn about different features of islands and how different animals have adapted to live there. The children have created their own imaginary islands through discussion and drawings. Their task is to write an information report about the island. This should include a paragraph introducing the island as well as paragraphs focusing on the plants and animals found on the island. They may wish to include a map with pictures and fun facts to engage the reader.

**Science & DT**

A range of science and DT activities can be found here: <https://www.jamesdysonfoundation.co.uk/resources/challenge-cards.html> and a few have been selected and added to their pack.

**Websites and Resources**

Please find below a list of some of the websites offering free or trial periods of their resources. They have been broken down into different subjects but often websites do in fact cover the whole curriculum. None of these websites require payment. Some do require you to log in or create a free account to access.

**General**

<https://www.twinkl.co.uk/> - a huge range of different subjects and focuses, arguably the best host of any resource you could need. Have offered a free account in the result of school closures.

<https://www.topmarks.co.uk/> - huge treasure trove of activities that cover a whole range of subjects. Also holds links to games etc that are hosted by other sites.

<https://www.bbc.co.uk/bitesize> - huge range of different resources and information broken down into Key Stages and year groups.

<https://www.vocabularyninja.co.uk/sats-centre.html> - some free and useful SATs resources.

**English**

<https://spellingframe.co.uk/> - spelling activities with specialist resources for each year group.

<https://subscribe.firstnews.co.uk/free-downloadable-issue/> - free online digital download of a specialist children’s newspaper.

<http://www.pobble365.com/> - a new picture is shared each day to provoke discussion, debate or writing ideas. A good place for inspiration for short writing opportunities.

<https://www.literacyshed.com/home.html> - a large range of free videos and short films that are then supported by questions and tasks underneath.

**Maths**

<https://corbettmathsprimary.com> - A range of revision videos and maths problems

<https://parallel.org.uk/> - free online maths problems, more focussed at older children.

<https://mathsticks.com/my/> - online resources and print offs with specifically broken down key stage focuses.

<https://ttrockstars.com> - online timetables to help with daily practice

<https://mathsframe.co.uk/en/resources/category/7/multiplication_and_division> - Link to games to help revise Time Tables

**Science**

<https://www.childrensuniversity.manchester.ac.uk/learning-activities/science/> - lots of science subject areas covered with resources specifically designed for primary age children. (Other subjects are also available on this site).

<https://groweatgift.com/2017/06/14/30-ways-to-go-wild-with-science/> - lots of different and fun science activities you can do in the house or garden

**Foundation Subjects**

<https://www.gonoodle.com/> - lots of online videos that help keep children active inside and also teach mindfulness and meditation

<https://www.typingclub.com/> - online programme for teaching and developing touch typing

<https://www.youtube.com/watch?v=d3LPrhI0v-w> - Joe Wicks the body coach provides free exercise videos for children to keep active.

Best wishes,

Mr Harman