

Home-Learning Ideas – UKS2 Theme: Green Up!

When a learning activity has been completed, the box can be coloured in. When all the boxes have been coloured – try the challenge boxes

English – Great Garden Countdown

Warm up your brain with this prior-knowledge activation activity. Can you beat your friends?

English – The Wonder of Words

Expand your vocabulary with the activity in the pack. How many of these words do you already know?

English – Star Collection

How many stars can you collect? Set yourself a challenge to collect as many as possible with the activity in the pack.

English – For and Against

Use what you have read, and your own general knowledge, to see how many sensible arguments for and against you can find.



English – You're Right to Write!

Write a persuasive letter to your Headteacher. Use the top tips in the pack to help you



Key Texts:

In the Pack

Turnip the Beet!



English – Poster Persuasion

How many of the persuasive devices listed can you use in a poster? Have a go at the activity in the pack and see how you get on.



Maths Challenge 1



4, 7, 3, 9, 1, 4, 15
The mode of these numbers is the same as the median.

True / False? Explain
Mode - value occurring most often
Median - middle value when ordered

Sometimes / Always /
Never true?

An Acute angle + an Acute
angle = Obtuse angle

Maths

4,562	351,983	683.5	18.15	57,108
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Pick one of the numbers above (pick a different number each day). Then do each of these to the number...

- What is the value of the 5 digit in the number?
- Find the difference between the number and 1,000
- Round it to the nearest 1,000
- Add 10 hundreds.
- 999 less (best strategy?).

Now try these:

1. How many seconds in 3 minutes?
2. The number of degrees in each angle of an equilateral triangle
3. How many 5p coins are needed to make £27?
4. $270 \times 6 =$
5. $20,000\text{mm} = \text{_____ m}$
6. 48.6×10^2

Put the correct answers in order with the smallest first. What do you notice? Write some questions to continue the pattern.

Maths

Plant Mix Up



Add labels to the correct pots... Sheet: KS2 Plant Mix Up

Then try this problem from nrich...
<https://nrich.maths.org/1818>

English – Instructions

How many of the features of effective instructions can you remember? Have a go at the activity in the pack and write the best set you can.



Art

Paper sculpture

Can you use some coloured card or paper to make some 3d flowers? You could follow an origami tutorial on YouTube or just make up your own.



Design & Technology

Growing tomatoes is very popular with some people at this time of year. Besides eating them fresh in salads you will find tomatoes in a lot of different foods. Can you make a list or draw the foods that you find in your cupboards that contain tomatoes? Can you find out how tomatoes are preserved so that we can still enjoy eating them at different times of the year?



What percentage of the food is actually tomato?

History

See sheet in the pack – Who Was Sir Walter Raleigh

Create a quiz or write some quick fact cards about him.

Science

Chitting & Growing Potatoes



Place a potato somewhere warm and light. You could put it in an egg box to stop it rolling away.

Watch what happens over the next 2 weeks.

Record what happens to your potato – use a table or write a diary.

After 2 weeks, your potato should have shoots about 2-3cm long and will be ready for planting in your garden, a big tub / bag full of compost.

You could try placing other potatoes somewhere dark / cold. What is the difference? Why do you think this is?

More help and information here:

<https://growyourownpotatoes.org.uk/>

<https://www.bbcgardenersworldlive.com/blog/schools-take-on-the-potato-growing-challenge>

Science



Adaptation

How is a cactus different to / the same as a dandelion? Explain why are the plants different?

Classifying leaves?

Leaves of different plants have different characteristics / features.

Find different plants and look at their leaves. What is the same?



Create your own branching diagram... See the "Example of a key" at: <https://www.stem.org.uk/resources/elibrary/resource/34255/grouping-and-classification-suitable-home-teaching#&qid=undefined&pid=11>

Lots more great ideas here:

<https://schoolgardening.rhs.org.uk/home>

PE

Daily PE lessons with Joe Wicks

<https://www.youtube.com/channel/UC AxW1XT0iEJo0TYIRfn6rYQ>



RE/PSHE

During this lockdown period, a lot of people have noticed how nature has truly blossomed. Spending time outside, watching nature, planting seeds, listening to birds, watching things grow etc have helped a lot of people feel better in themselves. It has helped them feel less anxious and been good for their mental health.

- Make a list of all the things about nature that you really like
- Design a picture/paint a stone/make a model to represent your list

You might want to give it to somebody to help make them feel happier



Computing



A datalogger is a device that can be used to measure temperature, light and sound over a long period of time. When you download the data from it, you will be able to see graphs and find out what happened to the temperature, light or sound over the course of a day.

Design an experiment where you would use the datalogger in your garden to find something out? What question might you need the answer to that only a datalogger could help with?