

## Home-Learning Ideas – LKS2 Theme: Children's National Gardening Week

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

### English – Great Garden Countdown

Get your brain warmed up and ready to learn with the countdown activity in the pack



### Key Text:

In the English pack

Go Green!



### Maths

43	231	1, 302	3,251	346
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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 3 digit?
- Round to the nearest 10.
- Multiply by 10.
- Double the number.
- Add 99 (what is the best strategy?)
- Subtract 19 (what is the best strategy?)

Now try these:

1. How many minutes in  $\frac{3}{4}$  of an hour?
2.  $? \times 2 = 108$
3. How many 10p coins are needed to make £6:30?
4. How many hours in 3 days?
5. Subtract 337 from 418

If you find the correct answers, what do you notice?

### English – The Wonder of Words

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

### English – Colourful Reading

Grab a couple of your favourite colours and have a go at this activity. If you don't have any coloured pens or pencils, you can use a normal pencil or pen

### English – Star Challenge

How many stars can you collect by answering the question?

### English – Write Away!

1. Design a poster
2. Write a persuasive letter

There is more information in the pack to help you with this.

### Maths Multiplication Challenge



## 100 in 10



Can you answer 100 times table questions in 10 minutes? Use the sheet and see how many questions you can get right each day. Challenge yourself... are you getting more correct? Are you getting quicker?

### Maths Challenge

#### How Tall?

On the first day, a seed grows a shoot 4cm long. Every day, the shoot grows another 4cm.

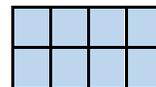
How long will it be on the 5<sup>th</sup> day?  
How long will it be on the 12<sup>th</sup> day?  
On what day will it be 60cm tall?

How many days will it take to reach 77cm?  
How many days will it take to reach 1m tall?



### Maths Challenge...

**Each day**, pick a times table fact e.g.  $2 \times 4 = 8$   
Draw the array... "two fours are eight"



Write as many related facts as you can...  
 $2 \times 4 = 8$ ,     $4 \times 2 = 8$ ,     $8 \div 2 = 4$      $8 \div 4 = 2$   
 $20 \times 4 = 80$ ,     $2 \times 40 = 80$ ,     $80 \div 4 = 20$

### Maths Challenge

**Roses are 15p each. Tulips are 10p each. Lilies are 25p each.**

You have £1:00 to spend.  
Your bouquet must have at least 2 different types of flowers.  
How many **different** bouquets could you create?  
e.g. 2 roses + 2 tulips + 2 Lilies = 100p  
Can you find **more than 5** different bouquets?

### Art

#### Repeating shapes

Can you create a shape to represent a flower petal and then repeat it to make an interesting flower design? You could do more than one shape. Experiment with changing the colours too.



### DT Challenge

Lots of fruit and vegetables are grown in our country at this time of the year. Is there anything growing in your garden? Ask an adult to buy you some seasonally grown fruit or vegetables and follow a recipe to make a salad for your family for lunch. Ask for help with chopping. This website has some good salad recipes for children.

<https://www.thespruceeats.com/salad-recipes-for-kids-2098905>

### Computing

There are lots of flowers in our gardens and parks at the moment. See if you can use this database to identify a flower that you have found.

<http://mywildflowers.com/identify.asp>

If you don't have access to the internet you can create your own table with columns of features along the top and then find some flowers in your garden, or on your daily walk, ticking the correct column if they display a certain feature. Which feature is most common from the flowers in your garden or park?



### 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 – you could use drawings 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

#### What do plants need to thrive?

Can you see plants that aren't growing well (e.g. yellow grass)?

What might the plants need?  
How could you check this?



<https://www.bbc.co.uk/bitesize/articles/z6m4kmn>

**Lots more great ideas here:**

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

### History

#### See sheet in the pack – History of the potato

Use the information to create quick facts or a quiz for your family.

Vary your questions to make it more interesting.

### 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



### E-Safety

Don't forget how to stay safe when you're using the internet at home.

Look at some of the help on...



<https://www.thinkuknow.co.uk/>