

## YEAR 5 EASTER HOLIDAYS

### Project:

#### Science Investigation

This Egg Drop Challenge is a fun and topical activity but we appreciate that eggs are not always that easy to come by at the moment! You could replace the eggs with small, hollow chocolate eggs or just limit the investigation to 2 eggs and have a bowl ready! We hope the children enjoy the investigation and we are sure they will come up with some innovative ways of dropping an egg without it breaking.

There are 3 steps

- 1) Read through the instructions with your child and discuss their ideas. There is a list of resources but please improvise and let the children use anything they can find at home, within reason!
- 2) Prompt sheet to stimulate ideas and encourage scientific enquiry skills. The children should aim to plan a fair test (i.e changing only one thing each time, for example, the material or contraption they use and keep the height they drop it from the same/ the surface they allow it to fall onto the same and so on). They should also have a go at writing a prediction explaining what they think will happen and why? Why do they think their design is the best choice?
- 3) Record Sheet - this does not need to be printed off and could simply be copied onto paper or onto a whiteboard or indeed, if really preferred, by discussion. They can then reflect on their conclusion and think about how they would change their experiment next time.

**We would love to see any photos of successes or disasters. Happy Easter!**

	Maths	English	Reading
<b>Activity 1</b>	Fraction Flags Investigation There are a few suitable activities in this pack but for the Flag activity go to page 13 and work through to page 16. The activity increases in difficulty.	Instruction writing - look at the Power Point which goes over instruction writing. Can you write up some instructions of an activity that you have done over the last two weeks at home? This could be about one of your home learning tasks or a different activity that you have done, like something crafty or something outdoors. Can you add in a picture too?	In the spirit of Easter, it is time to go on a hunt! No no, not an egg hunt, A BOOK HUNT! Use the list and see how many books you can check off from your collection. Be sure to write down the names of the books that you check off.  E.g. <i>A book with the animal as the main character: War Horse.</i> If you do not have a lot of books at home don't worry, think back to books that you have read in the past and try to check them off.  EXT: what have you not checked off, can you find any books that interest you that would fit? Could you make a list of future books that you want to read?
<b>Activity 2</b>	Coffee Calculations - Maths Problem A Lent inspired maths problem. Encourage your child to read the problem carefully, highlight or note down the important numbers and information before deciding on what the question is and which calculations to use. Remind them to check their working out and to ask themselves if their answer is reasonable.	Waking up as a different person - Imagine that one day you wake up as a different person. Maybe someone famous, a family member or even an animal. Can you write a series of diary entries, which show what you have gotten up to as that person (or animal). How different is your day going to be than usual?	Have a go at answering the Easter Fair questions using a range of reading and SPAG skills! Remember, write answers in full sentences and use quotes to support your inference answers! <b>Everyone must do task 1 and 2</b> <b>You could do task 3</b> <b>If you want to challenge yourself further have a go at the extension.</b> <i>Answers for parents are included on the final 2 pages</i>