



<https://www.youtube.com/watch?v=n63tGkSzNrc>

- Science -Egg investigation – Can you think of a question to investigate around the egg falling? How far does an egg have to fall to break? What happens if the egg falls on different surfaces? What happens if an egg is ‘clothed’ in different materials?
- Science- Egg shell is like tooth enamel and can show us how fragile our teeth are to certain food types. Boil 6 eggs. Prepare 6 empty containers (plastic cups are good) – 1 tablespoon coffee in water, 1 vinegar, 1 coke, 1 milk, 1 water and leave one empty. Place an egg into each cup. FAIR TEST ensure all liquids are the same level and all eggs are the same size and boiled for same amount of time. Draw a picture of your eggs Leave for 5 days. Remove each egg after 5 days and draw them. How have they changed? What effect has the acidic vinegar had on the enamel? The sugary coke? The dark coffee solution? The milk? Water? The control (no liquid)? Write a conclusion to explain the effect of different food types on tooth enamel.
- History -Research the history of the Humpty Dumpty rhyme. When was it written? What inspired it?
- PHSCE -Humpty Dumpty had to be courageous to overcome his fear of heights. Can you think of a time when you have also been courageous?
- Geography/ Science-Humpty Dumpty really missed his time on the wall with the birds. Can you offer him advice on a safer place where he might see them? Think about habitats where birds can be found. How could he attract more of them there? Research what different birds like to eat and how he could encourage them.

MATHS IDEAS

TT Rockstars

Design a snakes and ladders game using the story for ideas. Make up your own problems for the squares using all the four operations (+ - x and ÷)

Shape – Recap shape knowledge 2D and 3D.

- Investigating shape and properties of:
- Quadrilaterals
- Polygons
- Symmetry of 2D shapes

Could you re-design Humpty Dumpty using a different shape using your knowledge of properties of shapes that would make a more ‘steady’ Humpty Dumpty so he doesn’t fall off the wall again? Design a new Humpty Dumpty and label the properties and explain why your new design is more suitable.

Introducing Carroll diagrams.

- Using Carroll diagrams to classify quadrilaterals and lines of symmetry.

LITERACY IDEAS

After the end...Look at some other popular nursery rhymes and consider what happened after? What happened to Jack and Jill after their fall? Where did the dish and the spoon go in Hey Diddle Diddle? What did the master, the dame and the boy need their wool for? What did the owner of the house do when he/she realised there was a mouse running up the clock? Did Miss Moffet dare to return to where the spider had been again?

Vocabulary check – some of the language used in nursery rhymes is dated and tricky to understand. Can you pick out any words that you do not understand in a nursery rhyme? What do you think they mean? Can you find out what they do mean? Little Miss Moffet is a good one to start with.

Design a newspaper article reporting on Humpty’s fall and how the King’s men have put him back together. Remember to include eye witness accounts and quotes.

Design a poster to announce a competition for a device to stop Humpty falling off the wall.

Write instructions for a device that will save Humpty from falling.