

AUTUMN 2 YEAR 2 HOME LEARNING

WHO CAN BE AN INVENTOR??

Harmony Principle - Geometry

We will be looking at famous bridges in painting, architecture and engineering and exploring how our knowledge of scientific materials can help us create our own bridges. We will also be learning about Victorian inventors and engineers and their impact on life today.

Below are some suggestions of things you could do at home. You can pick one or do as many as you like and you might have some super ideas of your own too!
Please email any photos to year2@damers.dorset.sch.uk.



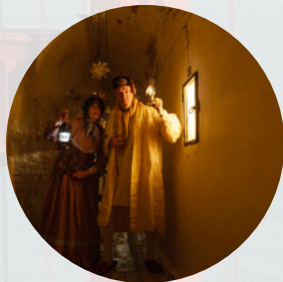
Go and watch the Weymouth harbour bridge [open](#)



Visit or sketch a local bridge



Visit the Victorian Hall in the Dorset Museum.



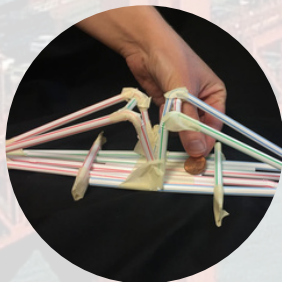
Watch a re-telling of A Christmas Carol at [Nothe Forte](#) on 14th December.



Watch [this episode](#) about being a civil engineer



Build a bridge out of lego.



Make a bridge out of paper straws.



Draw some famous world bridges.



Construct a bridge out of junk modelling.

Knowledge and Vocabulary

Maths

2D shape
Subtracting
Relationship between adding and subtracting



Vocabulary

Square, rectangle, circle, triangle
parallelogram
quadrilateral
pentagon, hexagon, octagon
Tens/Ones
Subtract/Minus
difference

Literacy

Word class:

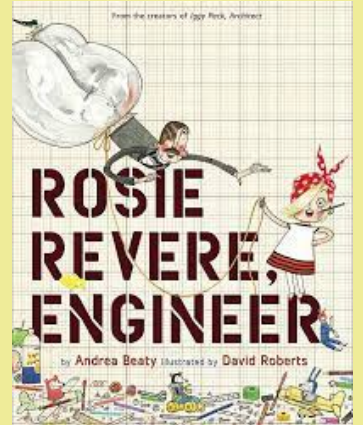
nouns
adjectives
conjunctions (and, but)

Sentence level:

Statements
Questions
Exclamations
Commands

Punctuation:

Capital Letters
Full stops
Commas in lists



Science

Vocabulary

Properties, transparent, opaque
translucent, flexible, rigid, waterproof,
stretchy, durable, squash, bend, twist,
stretch, wood, plastic, glass, metal,
paper, cardboard, fabric, rubber

Knowledge

Some materials can be changed
by squashing, bending, twisting and
stretching.



History

Vocabulary

change, a very long time ago, before,
years, events, monarch, century,
Victorian, inventor, engineer, railway,
transport



Phonics and spelling

This term, we revise the Graphemes and Common Exception Words taught in Year 1 and start to learn Year 2 'tricky' words.



the, a, do, to, today, of, said, says, are, were, was, is, his, has, I, you, your, they, be, he, me, she, we, no, go, so, by, my, here, there, where, love, come, some, one, once, ask, friend, school, put, push, pull, full, house, and our.