

Maths Challenge

Term 2- Measure

You are invited to take part in The Maths Challenge...

Choose a challenge below with your child. Take photographs of them working practically, hand in any recordings, charts or doodles and use the vocabulary below to support your child's understanding of measure.

Please share your child's learning with Miss Pout (via the school office or maths@herne-bay.kent.sch.uk)

Challenge 1

Car Journey



For this activity, you will need **three vehicles**. See **how far they can travel** down a ramp. Perhaps use materials you might already have like a slide or piece of wood.



Place all three cars at the top of the ramp and LET GO!

Ask questions like:

Which went furthest? How do you know? What could you use to

measure the distance travelled from the bottom of the ramp?

What could you try next?

****Challenge 2****

Order, Order!

For this challenge, look at the sets of four quantities below. *Can you rank them in order from smallest to largest? How can you convince me that your order is correct?*



Time

Taken to travel to school

For mustard and cress to grow from seeds

Taken to eat a biscuit

Between your 6th and 7th birthdays



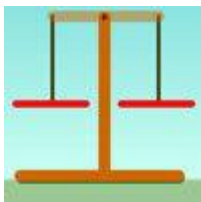
Distance

You could jump up in the air

You can kick a football

You can run in half a minute

Length of a bug



Mass

Of a blown-up balloon

Of a bar of chocolate

Of you

Vocabulary to use:

Length- distance, Centimetres (cm)

Metres (M) smallest, largest, far, near, height

Order-First, second, third

Time-clock, watch, hands, second, minute, hour, week, month, year

Mass-grams (g), kilograms (KG), heavy, heavier, light, lighter, more, less

Bring in or send your learning from home by Friday 8th December 2017 for the chance to feature on our school website and Maths display board.