



# Sandgate Primary School

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Headteacher: **Mr M Green**

6<sup>th</sup> March 2019

Dear Parents/Carers,

Next week it is National Science Week!

As part of Science week, Sandgate will be running two competitions. One is a class-class competition: Protect the Pringle! and the other is a mixed age, inter-house 'design your own aeroplane' competition. Please see the poster below.

The children (and teachers) are feeling enthusiastic and competitive about taking part and need your help!

If you have any unwanted materials at home such as: cardboard, egg cartons, plastic bottles or packaging, bubble-wrap, sponges etc, please can your child bring these to school **by next Tuesday (19th March)** as they might be able to be used in the competitions. Photos of the designing, making, evaluating and competition itself will be on our class blogs at the end of next week if you would like to see the children and their creations in action!

Yours sincerely,

Miss Thomas

**BRITISH SCIENCE WEEK**

**Your Mission:**

Each class will collect materials that they can wrap a Pringle in. In small teams within your class, you will design packaging for your Pringle and test it. Once every team has had their design evaluated by their class, the best design (with a Pringle inside) will be given to Miss Thomas who will post the Pringle on a round-trip back to school. The class whose Pringle returns in the best condition wins!

**PROTECT THE PRINGLE!**

**Rules:**

- The Pringle cannot be placed in a cardboard or plastic box. However, you can use those materials in your design.
- There is no limit on the size of your packaging.

Bring in as many resources as you can: cardboard, egg holders, plastic bottles etc we might be able to use it!

**Your Mission:**

Each house will work in mixed-age teams to design, create and evaluate the plane they think can travel the furthest distance when thrown by their House Captains. Each house can submit three planes for the competition: one lower key stage plane, one upper key stage plane and a plane from any age group. All three planes will be thrown and the one which travels the furthest will represent your house in the competition. The plane which travels the furthest wins!

**INTER-HOUSE AEROPLANE COMPETITION**

**Rules:**

- Ready-made planes cannot enter the competition – no cheating! The planes made on the day will be the ones entered into the competition.
- Any material can be used and the plane can be any size.