



# CAMBRIDGE PARK PUBLIC SCHOOL

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## Forces and Functions-Stage 2

Dear Parents/Caregivers,

As part of our Term 1 Mappen Unit "*Forces and Functions*" we are conducting a STEM project into how to build a Balloon powered car. We will be doing this as a stage (Years 3 and 4) during Mappen lessons at school. The aim is to use every day recyclable materials to experiment with and construct a model.

If you have any of the following items lying around at home, we would appreciate it if your child could bring them to school, these resources will be shared across the stage to give all students a wide variety of materials to design with. Students will design and make their own Balloon powered car from the materials they collect.

### Suitable materials:

- Plastic drink bottles
- Plastic drink bottle lids
- Toilet rolls / Handee Towel tubes
- Juice box
- Plastic or paper cup
- Polystyrene container
- Ice cream container
- Milk carton/bottle
- Milk bottle lids
- Cardboard
- egg cartons
- Plastic takeaway containers
- Old CDs
- table tennis balls
- Paper/plastic plates
- clean unused sponges or foam

If we could have all resources to classroom teachers before Week 8 (19<sup>th</sup> March 2018) that would be greatly appreciated.

Thank you for your continued support,

Mr N Bourke  
Deputy Principal

Karen Mayo  
Project Coordinator

Mick Thompson  
Stage 2 Supervisor