More information

Dataheads

Upper KS2

@Bristol

CREST ★ Investigators accredited workshop!

By attending this accredited workshop, your pupils can receive a sticker towards achieving their **SuperStar Award**. For more information and to register your school, visit www.britishscienceassociation.org

Learning objectives

- Recognise the terms horizontal axis, vertical axis and origin
- Understand how to construct graphs
- Demonstrate an understanding of line graphs and bar charts
- Obtain a working knowledge of communicating information from graphs
- Understand how to draw conclusions from graphs

Workshop content - students will:

- Play team games against the clock to think about how graphs are constructed.
- In groups, investigate how to get the fastest dragster by changing the wheel size.
- Use the data produced to create their own graph.
- Make a living bar chart out of students!
- Discuss conclusions from the investigation.

National Curriculum links

Science

Sc1 Scientific enquiry

2) Investigative Skills

h-l. use a wide range of methods to communicate data , make comparisons, identify patterns, draw conclusions, decide whether conclusions agree with predictions, explain observations.

Mathematics

Ma4 Handling Data

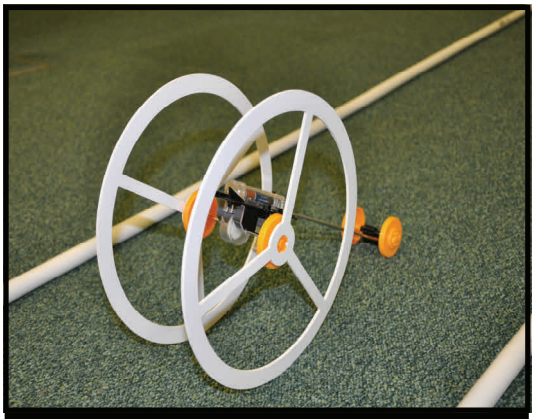
1) Using and applying handling data

f. decide how best to organise and present findings

2) Processing, representing and interpreting data

a, c & f. solve problems involving data ,construct and interpret tables, represent data using graphs, draw conclusions.

Picture gallery



Students adjust wheel size to create the fastest dragster