4W HOMEWORK – SET THURSDAY September 19th – DUE WEDNESDAY September 25th

The Assignment

It’s the annual Kingston jumping jack contest, and this year Mr Wolfson needs to get the best team together. He could invite anyone to join him, but he doesn’t know who he should invite: older grown ups, younger grown ups, teenagers or young kids? Conduct a science experiment to help him pick the best team!

Success Criteria

* Use the scientific method sheet to help you plan your experiment
* You will present your work to a small group

Some ideas to help

* Make sure you talk about all 4 parts of the process (question, hypothesis, experiment, conclusion)
* Your conclusion MUST answer your question, even if your hypothesis was incorrect
* The best scientific experiments have as much data as possible
* Think about how to make your test FAIR
* Think about what data you want to collect

Managing your time

As always, it’s up to you to manage your time over the week. Here is what each stage should contain:

Planning phase – create your testable question, hypothesis and plan of how you’ll test your question.

Creation phase- carry out your experiment! Record your results as you go

Evaluation phase – what conclusions can you make from your data? Who should Mr Wolfson invite to his jumping jack team?

Think about you will present your **WHOLE** project (not just the conclusions) to a small group next Wednesday.

Good luck and happy jumping!

Mr Wolfson