

School Science challenge!

We have been inspired by watching 'The Cog' video from an old Honda advert that used different ways of showing a chain reaction of events.

You can watch the video here:

<https://www.youtube.com/watch?v=Z57kGB-mI54>

(or search on youtube for 'The cog Honda advert')

We will be creating our own videos in school next week (on a smaller scale!). We would love to set a home challenge to see what you could come up with and create at home.

Here is an example of somebody's own homemade attempt:

<https://www.youtube.com/watch?v=n56XPENlrPo>

The key message we would love to develop is that these chain reactions did not work first time. In fact, the Honda advert took over 6 months to create! Importantly, when it didn't work they didn't give up. Instead they learnt what went wrong and they adapted and made repeated adjustments until it did work. As scientists, we want to learn the process does not always go to plan but we can still take valuable learning from when it doesn't go right.

We would love to see what you can make at home and what ingenious objects you could use! Please send in your videos to school by email to:

admin@madley.hereford.sch.uk

If there are any problems sending your video then please speak to the admin team in school. Thank you and have fun!

Poster challenge:

- Create your own poster to explain some of the forces in your video!
- Explain what made it move.
- Forces? Push/Pulls? Gravity? Friction? Magnetism? Water?
- Name and class.
- Deadline next Friday (13th March).
- Winning posters