

## #WinItWednesday 20/05/2020

Enter for a chance to win an EESW goody bag and an Amazon voucher!



Choose one or both the Fun Challenge and Stretch Challenge and get creative with your STEM skills! Good luck!

Fun Challenge: Balancing Act

Seesaws use the principle of equilibrium; if one side has more mass than the other, it will lower while the other side lifts, and vice versa. If the mass is the same on both sides, the level stays the same.

Create your own seesaw using items around your home. Can you achieve equilibrium (level) using lots of different items? Get creative!



Stretch Challenge



: Comic Book Science



Many of our favourite fictional superheroes got their powers through a 'scientific' accident or experiment or use amazing technology defeat villains. But do these origin stories and gadgets contain real science and engineering principles?

Choose a superhero, for example Hulk or Batman, and explain how their powers were theoretically possible. For example, what is gamma radiation and how did it fictionally affect Hulk? How does Batman's cape allow him to glide?

Submit your competition entry (either pictures, videos or designs) to <a href="mailto:i2e@eesw.org.uk">i2e@eesw.org.uk</a> or to our Twitter or Facebook account by 3pm

Tuesday, 2<sup>nd</sup> June. Winners announced 10am Wednesday 3<sup>rd</sup> June. Good luck!

