

The Ultimate STEM Challenge

- It is a national competition by BP, the Science Museum and STEM Learning.
- We are asking for teams of 2-4 students (Yr 7-9) to choose from one of 3 challenges based around the theme of My Sustainable Future.
- 1) Handy Hydro (to design a simple system to generate electricity from moving water)
- 2) Parched Plants (to design a system to grow salad or herb plants indoors)
- 3) Brilliant Biogas (to design a system to generate and capture biomethane from food waste)
- Students can complete their challenge in a STEM Club (Every Friday Lunch time in F24) or in their own time.
- If you want to do it in class you can get students started with an introductory PowerPoint and lesson plan (will be provided by MRe)
- If it's in their own time, you can hand out a student guide (will be provided by MRe) which contains all the information students need to work independently.
- Students are asked to create a 12 slides PowerPoint or 3 min YouTube video showcasing their work.
- Deadline for completion is 5th January 2018
- Prizes include an invitation to a celebratory event at the Science Museum in March 2018, an Ultimate STEM experience day, £500 for the school and Science Museum goodies.
- <http://bnes.bn.com/stem-challenge/ultimate-stem-challenge/>