

SCHOOL GUIDANCE ON USING THE **STEM CHALLENGES**

AIM OF THE CHALLENGES

The challenges have been developed along with a number of other resources to support schools in their STEM engagement during and following the impact of COVID19.

We aim to produce and publish a set of live challenges each month, we have produced them in a set of three to give students and/or staff a choice of challenges to explore, dependant on their area of interest and resources available. Over time this will act as an excellent resource for students to explore the range of small companies in and around Shropshire and Telford and Wrekin.

All work carried out is funded by the European Social Fund, targetted at students aged 15 and above who live in Shropshire and Telford and Wrekin.

GATSBY BENCHMARKS

The resources have been designed to support you in addressing the following Gatsby benchmarks:

- 1. A stable careers programme** - Each challenge is linked to a range of career sectors within engineering.
- 2. Learning from labour market information** - Each challenge offers experiences linked to a workplace.
- 3. Addressing the needs of every pupil** - The challenges support in raising aspirations.
- 4. Linking curriculum learning to careers** - The challenges are *purposeful co-curricular challenges*.
- 5. Encounters with employers and employees** - Student encounters with employers through judging challenges.
- 7. Encounters with further or higher education** - Offers meaningful encounters and experiences with apprenticeship providers remotely.

If you require any further information about this or any of the other resources we have developed, or would like to give us feedback please get in touch

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