

These activities will help students to think about careers related to maths as well as helping schools / colleges to meet Gatsby Benchmark 4

## Jobs related to Maths

# 1

Discuss jobs related to maths and show video [Going places with Maths](#)

Students could be given time to research different jobs & careers related to maths

# 2

Discuss university degree courses linked to maths and show video of [Zain studying Maths at Imperial College, London](#)

Students could be given time to research different courses related to maths

# 3

Discuss [apprenticeships](#) that relate to maths including accountancy and insurance. Explain that there are different levels of apprenticeship & that higher apprenticeships end up leading to a similar level qualification to a university degree.

Students could be given time to research different levels of apprenticeships.

# 4

For higher level students you can introduce the idea of [MOOCs](#) (free, online courses) that can help a student decide if studying a higher level course is suitable. There are many different topics to choose from: e.g. [Engineering the future: Creating the Amazing](#) —developed by the University of York

# 5

Introduce the students to TED talks as these will help the students to decide if learning maths at university is something they would like to pursue. There are many relevant talks related to [maths](#)

This one is particularly good when asked why do we have to study maths? [The magic of Fibonacci numbers](#)

# 6

**Homework Activity:** Students could spend more time researching jobs / courses related to maths by using [Careerpilot](#) and feedback next lesson any that they are interested in.

For more information on careers linked to maths go to:

<https://www.careerpilot.org.uk/job-sectors/subject/maths>

