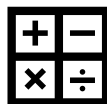


## Mathematics Subject Statement



### Why do we study this subject at ACE Tiverton?

Mathematics has its place in the world and impacts our lives with real world problems – as well as the solutions to those problems. From everyday tasks such as counting and shopping, to more detailed mathematical problems such as interpreting data, we use maths everywhere.

### What qualifications can I achieve in this subject?

At ACE Tiverton you can achieve a Functional Skills qualification in Maths and perhaps a GCSE.

### What skills will I learn and practice in this subject?

Mathematics teaches you skills that you can use in many different work and personal situations. These skills will be used throughout your life. Just some of the transferable skills that a maths degree can give you include:

- Data analysis
- Organisation
- Critical thinking
- Time management
- Communication
- Decision making

### What jobs and post 16 education opportunities can I go on to do with this subject?

Many students who study maths have successful careers in computing, accounting, engineering, science, banking, and business. Mathematics is a STEM subject, which employers consider to be highly desirable subject areas when looking for employees.

### What else should I know about this subject?

Maths is all about problem solving.

- Pattern spotting
- Working backwards
- Visualising
- Working systematically
- Using logical reasoning

### Do I need any specific resources or kit for this subject?

Sometimes you will need equipment for this subject but most of the time the school can provide it. Feel free to ask for resources to help your learning.