Roadmap - The Learning Journey

Should:

- Map out opportunities for students to develop the Millom Learner in that subject
- ► Map out progression routes KS3 \rightarrow KS4, KS4 \rightarrow KS5 and KS5 \rightarrow Post-18/careers
- Show how that subject promotes employability skills, including literacy, numeracy, IT, communication, teamwork, leadership etc
- Show how that subject will provide careers education and information
- Direct pupils towards extra-curricular opportunities e.g. independent projects, extra reading, Chill Zone clubs, trips, involvement in projects
- Include key stage transition opportunities / activities

This is different to a progression (long term) map, which outlines the taught content and assessment opportunities. The roadmap will be published on the school website.

Millom School Learning Journey: **Mathematics**

The Millom Learner

Determined

Positive

Communicator

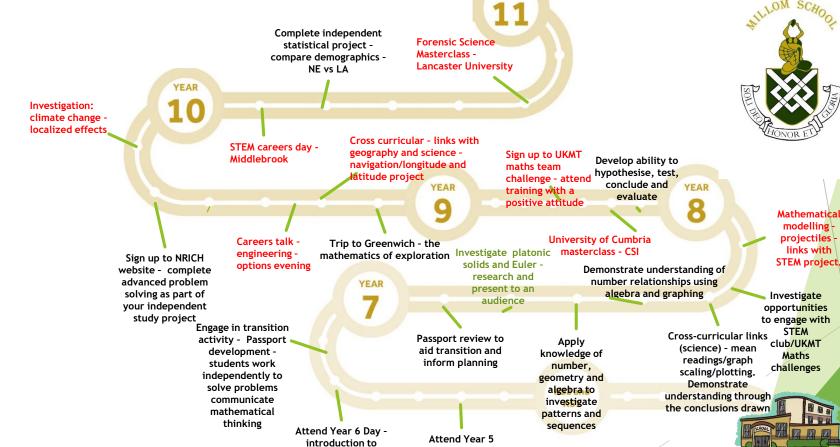
Understanding

Independent

Collaborator

Investigator

Next Slide



metacognition and self regulated learning

Day

GCSEs

Millom School Learning Journey:

Mathematics

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Apprenticeship

University

Use revision books to refresh

Manage the demands of the busy examination period

YEAR

Independently carry out revision tasks and exam

Be determined to juggle the demands of scientific and mathematical mechanics and their differing emphases Understand how to plan, conduct and evaluate your own statistical enquiry

YEAR

13

Explore maths degrees at university and attend a workshop

Develop revision technique and positive self-study habits for the mock exam

Improve communication

skills by developing

scientific and statistical

literacy

Consider independently researching a technical based work experience placement eg GSK, Kimberly Clark.

The Millom Learner

Determined

Communicator

Positive

Understanding

Independent

Collaborator

Investigator

your memory of key
mathematical concepts at the
end of the holidays

Check out the
recommended
reading list to
really push your
independent
investigation and
resarch skills

using specific techniques

Develop your independence

in mechanics) and self-

confidence with selecting

doing practical work (modelling

equipment, following methods,

Identify what maths qualifications you chosen course/career requires

Develop mathematical skills to support

scientific investigation and analysis

Develop your independent study habits

Work collaboratively to

complete practical

elements of mechanics

to support your work

on mathematical

modelling and peer review results data

Research further and higher education progression pathways involving maths to determine if this is the course for you

further and ducation assembly to find out more about Post-16 maths

Carry out data studies to improve understanding of sampling techniques.

Develop your computational analysis skills

Be positive about carrying out an appraisal of the development of each other's skills

YEAR

11