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Within the Curriculum

- All members of staff have a responsibility to promote positive attitudes towards the development of numerical and mathematical skills.
- Uxbridge High School is committed to raising the standards of numeracy of all students, so that they develop the ability to use numeracy skills effectively in all areas of the curriculum and develop the skills necessary to cope confidently with the demands of further education, employment and adult life.

2

Within the Classroom

- A key element of our UHS Classroom is 'We teach communication, literacy and numeracy at every opportunity' which puts literacy and numeracy at the forefront of classroom teacher's priority each lesson.
- It is therefore an expectation that all teachers across all curriculum areas take every opportunity to explicitly teach numeracy skills alongside literacy.
- Teachers help pupils with the technical vocabulary of Mathematics: Using a variety of words that have the same meaning e.g. add, plus, sum.

3

Teachers of Mathematics

- Ensure that students have the strong numeracy skills by the time they are needed to be applied in other subject areas.
- Seek opportunities to use topics and examination questions from other subjects in mathematical lessons.
- Adaptive teaching is visible in every lesson and intervention groups are run to close the gaps for students identified through baseline tests.
- Weekly assessments and feedback and personalised homework via Sparx Maths.

4

Teachers of all subjects

- Ensure that they are familiar with correct mathematical language, notation, conventions and techniques, relating to their own subject, and encourage students to use these correctly.
- Are aware of appropriate expectations of students and difficulties that might be experienced with numeracy skills.
- Teachers to seek and deploy regularly, opportunities to challenge and delight students with maths learning that enhances the progress 'in the moment'.
- Teachers to be creative around numeracy and maths in the delivery of their subject, to create a positive engagement around maths.

5

Everyday Maths

- Raising the profile of maths, with opportunities for maths across subjects, purposefully identified and via assemblies and form time numeracy activities.
- Displaying mathematical problems, language and calculation on classroom walls and corridors.
- Maths tasks teaching through a real-life context developed through theme work and games; careers talks; chess and movie club.
- Young people are encouraged to engage with online learning and out of school experiences with numeracy through the online learning platform completing a range of activities with opportunities for mathematical skills:

6

Cross Curricular Numeracy

- Develop and improve standards in numeracy across the school for all our students.
- Establish and maintain consistency of practice including notation, vocabulary and methods.
- Identify and support areas for collaboration between subjects –STEM clubs, National Numeracy Day and Pi Day.
- Assist the transfer of students' knowledge, skills and understanding between subjects.