



SHIRLEY HIGH SCHOOL PERFORMING ARTS COLLEGE

Our Vision:

To develop aspirational learners who strive for excellence academically, creatively and culturally, benefitting from a wide range of opportunities led by inspirational educators.

NUMERACY POLICY - MATHS ACROSS THE CURRICULUM

“Numeracy is not always taught in the classroom; it means having the confidence and skills to use maths to solve problems in everyday life. Numeracy is as important as literacy - it's sometimes called “mathematical literacy” - and we need both to get on in life.” - National Numeracy Organisation

Intent

At Shirley High School we value the importance of numeracy and the confidence strong levels of numeracy will have in everyday life, further education and adulthood. We want to educate all within our school that numeracy will help with

- work
- home
- as consumers
- helping to manage personal finances
- as parents
- as patients
- as global citizens

Through this policy we intend to:

- develop and improve standards of numeracy across the school;
- to provide opportunities to develop students' confidence in applying mathematical skills and how they have been used within different areas;
- identify links within other subjects through mathematical application;
- to raise awareness and appreciation that maths is used in all subjects and aspects of the curriculum and is vital for life-long learning.

Through their educational journey our students will be provided opportunities that will consistently extend their numeracy skills, through a variety of cross curricular activities. This will support students to develop confidence and competence with numbers and measures.

Implementation

The delivery of numeracy will take place throughout the school but of course will be rooted in mathematics. Curriculum maps and medium term plans reflect the use of Maths Across the Curriculum (MAC) however our specific whole school numeracy programme is in bespoke tutor periods. All departments will produce resources that link numeracy and the skills of numeracy to specific areas of interest and common everyday events. These sessions are designed to expose learners to the different ways numeracy is used everyday and to enlighten learners about the prevalence of numeracy outside of their mathematics lessons.

Details of numeracy tutor programme:

- bespoke biweekly sessions created by all departments;
- sessions delivered by all teaching staff;
- termly numeracy challenge carried out within the mathematics department;
- sessions will promote questioning in line with our learning journey, allowing students to explore reasons and misconceptions;
- Tasks will encourage and develop mental calculations for regular oral and mental work;
- Demonstrate and illustrate links between topics in maths and other subjects;



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- consistently promote self and peer assessment of numeracy skills.

Impact

- students increase understanding of how numeracy is underpinned throughout education and everyday life
- cross-curricular abstraction increases
- ability of students to calculate, reason and problem solve increases
- declarative and procedural subject specific numeracy knowledge is improved
- students able to access more aspects of their learning
- students make progress in line with their individual expectations
- students develop the rounded skills required to be successful global citizens

We want all at SHS to believe in and maintain the values of our school:

