



## **Hall Cross Academy Numeracy Policy**

### **Excellence. Every Lesson. Every day.**

Hall Cross Academy is committed to raising the standard of numeracy of all of its students; we want our pupils to be confident and capable in the use of numeracy in all areas of the curriculum and to acquire the skills necessary to help achieve success in further and Higher education, employment and adult life.

### **The purposes of our whole-school numeracy policy:**

- to develop, maintain and improve standards in numeracy across the school;
- to ensure consistency of practice including methods, vocabulary, notation, etc.;
- to indicate areas for collaboration between subjects;
- to assist the transfer of pupils' knowledge, skills and understanding between subjects.

### **Raising Standards**

Raising Standards in Numeracy across our school cannot be solely judged by increased test percentages. There is a need to evaluate the pupils' ability to transfer mathematical skills into other subject areas, applying techniques to problem solving. Their confidence in attempting this is initially as important as achieving the correct solution.

There is a need to create time for liaison and to sustain the cross curricular links forged between subject areas. The effectiveness of these links will reduce the replication of work by teachers and pupils.

### **Consistency of Practice**

Mathematics and teachers of other subjects co-operate on agreed strategies.

In particular that:

#### **Teachers of mathematics should:**

1. be aware of the mathematical techniques used in other subjects and provide assistance and advice to other departments, so that a correct and consistent approach is used in all subjects.
2. provide information to other subject teachers on appropriate expectations of students and difficulties likely to be experienced in various age and ability groups.
3. through liaison with other teachers, attempt to ensure that students have appropriate numeracy skills by the time they are needed for work in other subject areas.

4. seek opportunities to use topics and examination questions from other subjects in mathematics lessons.

**Teachers of subjects other than mathematics should:**

1. 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.
2. be aware of appropriate expectations of students and difficulties that might be experienced with numeracy skills.
3. provide information for mathematics teachers on the stage at which specific numeracy skills will be required for particular groups.
4. provide resources for mathematics teachers to enable them to use examples of applications of numeracy relating to other subjects in mathematics lessons.

**How will we achieve this?**

As a collective we will achieve this through:

- Numeracy techniques training for teaching staff.
- Learning walks and drop-ins with supportive and constructive feedback.
- Comprehensive QA systems for monitoring the Teaching and Learning of Numeracy within and across departments.
- Teachers have access to a range of Numeracy CPD opportunities.
- Parents have access to Numeracy support and information evenings.
- Make active use of Student Voice, listen to our learners and plan lessons with them.