



# JOHN WILLMOTT SCHOOL

## NUMERACY POLICY

**October 2015**

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**Adopted by:**

John Willmott School Teaching, Learning & Assessment Committee on *To go to Committee February 2016*

Signed: \_\_\_\_\_ Chair of Committee

John Willmott School Governing Body on: \_\_\_\_\_

Signed: \_\_\_\_\_ Chair of Governors

## **NUMERACY POLICY**

### **Mission statement**

John Willmott School is committed to raising the standards of numeracy of all its students; we want our students to be confident and capable in the use of number to support their learning in all areas of the curriculum and to acquire the skills necessary to help achieve success in further education, employment and adult life.

### **Rationale:**

We must ensure that we further develop students' learning by improving numeracy skills and therefore, raising academic standards.

It is the responsibility of all teachers to deliver the teaching of numeracy through their subject areas and ultimately raise the profile of numeracy.

We will provide the staffing, resources and professional development to ensure that all students are supported in this area.

We will deliver key numeracy skills through Learning for Life form time.

As a Literacy and Numeracy focus group we will strive to produce engaging activities and support staff development.

### **Profile of Numeracy in School:**

To raise the profile of Numeracy we will:

- Inform staff of common methods used in Mathematics that could be transferred into their subject.
- Deliver key numeracy skills in form time by Form Tutors.
- Ensure numeracy is taught consistently across all subjects.
- Ensure numeracy is evident in lesson planning and on lesson plans.
- Ensure numeracy is commented upon during lesson feedback.
- Support departments with the delivery of numeracy in their subject through the Literacy and Numeracy Focus Group.
- Develop Literacy and Numeracy displays in each subject area.

### **Examples of subject specific work:**

- Modern Foreign Languages
  - Planning and making a French meal – quantities of ingredients, measurements using scales.
- Science
  - Pupils taking measurements for experiments, solving problems, investigating units.

- ICT
  - Presenting data, drawing conclusions and communicating findings.
- PE
  - Teaching Scottish Country Dances, formations and steps, rhythm and beat.
- Music
  - Focus on rhythm and beat of certain pieces of music.
- Technology
  - Designing, measuring and assembling.
- RE
  - Presentation of data relating to ethical issues.
- Social Studies
  - Exploring bias and exaggeration within statistics.
- Geography
  - Population statistics.
- History
  - Statistics of casualties in battles and wars.

**Priorities for Cross-curricular development work:**

- To improve accuracy in measurement, calculation and graphical work.
- To improve interpretation and presentation of graphs, charts and diagrams.
- To improve reasoning and problem solving.