

OVERTON GRANGE SCHOOL POLICY

NUMERACY – APPENDIX 1

Possible links with other departments could include:

In...	Students could...
Art	Apply number skills such as measurement, estimates, scale, proportion, pattern and shapes to develop, inform and resource their creative activities.
Citizenship	Select data from given information presented in a range of numerical and graphical ways. Gather information in a variety of ways, including simple questionnaires or databases to support understanding of issues. Access and select data from relevant information presented in a variety of ways and from different sources. Select from and interpret a variety of methods of presenting data, including pie charts, scatter graphs and line graphs.
Design Technology	Use mathematical information and data, presented numerically and graphically, to research and develop their ideas. Use number to measure and calculate sizes, fits and materials.
English	Develop skills in the application of number through activities, which include number rhymes, ordering events in time, gathering information in a variety of ways, including questionnaires; accessing, selecting, recording and presenting data in a variety of formats.
Geography	Apply number skills in the classroom and in fieldwork to measure, gather and analyse data. Use mathematical information to understand direction, distances and scale and to determine locations when using plans, maps and globes.
History	Develop their number skills through developing chronological awareness, using conventions relating to time, and making use of data, e.g. census returns and statistics.
ICT	Use mathematical information and data presented numerically and graphically in data-handling software. Use number to collect and enter data for interpretation in spreadsheets and simulations and present their findings as graphs and charts, checking accuracy before processing.
MFL	Develop number skills through a range of activities in the target language. These can include number rhymes; ordering numbers; ordering events in time; using number in relevant contexts such as currency exchange; gathering information in a variety of ways, including questionnaires and recording and presenting results in a variety of formats.

Music	Showing awareness of number of beats, rhythms etc. Developing an appreciation of how to use number to impact on music.
PE	Develop their number skills by using mathematical information and data. Use the language of position (including co-ordinates and compass points) and movement, as well as data handling and measures in athletic and adventurous activities. They use scale in plans and maps. They measure and record performances, e.g. time, distance and height, and use the data to set targets and improve their performance.
RE	Develop skills in the application of number by using information such as ordering events in time, by measuring time through the calendars of various religions, by calculating percentages of tithing, and by considering the significance of number within religions. Interpret results/data and present findings from questionnaires, graphs and other forms of data in order to draw conclusions and ask further questions about issues relating to religion and the world.
Science	Work quantitatively to estimate and measure using non-standard and then standard measures, recording the latter with appropriate S.I. units. Use tables, charts and graphs to record and present information. With increasing maturity, they draw lines of best fit on line graphs, use some quantitative definitions and perform scientific calculations.