

Faculty of Mathematics Inverurie Academy

The young learners in S3 Mathematics classes follow a common course split into 2 blocks as detailed in the Table below. In January of S3 learners begin work on National Qualifications at National 3, National 4 or National 5.

Block 7	<p>Money involving Percentages, insurance and foreign exchange</p> <p>Transformations</p> <p>Addition, Subtraction, Multiplication and Division of Fractions</p> <p>Tolerance</p> <p>Pythagoras</p> <p>Scientific Notation</p> <p>Area including Composite Shapes</p> <p>Volume and Surface Area</p>
Block 8	<p>Trigonometry</p> <p>Equations including ones with Brackets</p> <p>Factorising</p> <p>Money including salaries, income tax and budgeting</p> <p>Angles in a Circle</p> <p>Similarity</p> <p>Straight Line</p>
Numeracy	<p>This part of the course focusing on Numeracy allows Learners to see the demands of working at National 4 or National 5.</p>
Assessment	<p>Assessment is carried out at the end of each block of work and most will be assessed at CfE Levels 3 and/or 4. Assessment is done to inform progress and is targeted at a learner's ability. They are assessed in both Mathematics and Numeracy.</p>
Homework/Websites	<p>Homework now focusses on written attempts where setting out solutions and showing working is a big emphasis</p> <p>www.mymaths.co.uk – Pupils can be encouraged to use this further to enhance learning. They can use the Booster Packs for extra practice and games for reinforcement. Each pupil has a login and a password.</p> <p>www.bbc.co.uk/bitesize - Topic based exercises.</p>
Progression	<p>Learners in S3 will progress through work primarily at Levels 3 and 4 and to build on work started in S2 which offers greater breadth and depth. Some of the topics are new and all give an insight into the challenges ahead when starting National Qualifications.</p>