

STROMNESS ACADEMY

Mathematics Homework

Regular homework is an integral part of the learning and teaching process in Maths.

- It enables pupils to consolidate the skills they have learnt in class.
- It provides them with an opportunity for independent learning.
- It prepares them for the study skills they will need later in their education.
- It enables teachers to monitor pupils' progress.
- It enables parents to have access to what their child is covering at school.

Note - Pupils will need access to a modern scientific calculator on a regular basis. Familiarity with their own machine is especially helpful in exams. Calculators are sold through the school but are readily available in local shops.

S1/2/3

The department uses a system of online homework. Each pupil is provided with passwords to mymaths.co.uk and to mangahigh.com. Homework set by the teacher is completed and marked on line. The pupil is provided with an opportunity to revise from an online lesson and repeat the homework until it is correct. The teacher is able to review the pupil's progress and leave comments on how it could be improved. The parent can access the child's work and comment or help with its completion. Pupils who cannot access the online homework for technical reasons are expected to complete them in the library or support base at interval or at lunchtime.

Throughout the year we practice non calculator skills. Pupils are provided with examples at appropriate levels which they are expected to work on regularly at home to ensure progress is made.

The above regular homework may be supplemented by occasional assignments of a less routine nature. This could include finding examples of maths in the real world, problem solving, or puzzles. Pupils who are preparing for National 5 in S4 will be expected to begin their study skills in S3. This will include completing and consolidating class work on a daily basis.

S4/5/6

The good study skills built lower down the school are essential for success in the exam years of S4, 5 and 6 where courses are more intensive and much of the learning and consolidation needs to be done outside class. Time should be spent each night completing and consolidating the work of the previous period.

Homework can also come in the form of MyMaths, investigations and written exercises for all classes.

Prior to course assessments, prelims and exams more formal written homework and revision exercises will be provided as part of the preparation. Pupils can access online resources as part of their own revision. These include mymaths.co.uk, mathsrevision.com, bitesize.co.uk and scholar.hw.ac.uk for S5/6.

School Closures

In the event of school closures the Maths department will keep in touch with the pupils through *Glow*. All pupils should have a note of their *Glow* password in their planner and should check their *Glow* page regularly in the case of bad weather in order to keep up with the work and not jeopardise their chance of exam success.