



Independent Learning in Mathematics

Independent learning and homework are a vital part of learning in mathematics to practice techniques, consolidate understanding, draw out misconceptions, develop problem solving skills, fluency and mastery of the topics.

Homework is set regularly each week. Each week in Sparx, students are set topics by their teachers. These will make up the majority of questions that your child sees. Sparx personalises each child's homework, making sure it is easy enough for them to complete, but not so easy that they're not getting stretched! We appreciate that parents will of course want to support their child with their home learning. However, please understand that if you give your child the answers, there is a risk that the homework will get too hard for them. It is therefore really important that your child completes their homework themselves and watches the support videos or reaches out to their teacher if they are stuck.

There is a host of meaningful additional activities students that want to consolidate or further their knowledge can do;

1. Attempt the check up activity before each unit assessment
2. Review their unit assessment and attempt the strengthen and extend activity after.
3. Attempt the past paper questions on work recently covered.
4. Complete the optional and target work on Sparx.
5. Attempt the independent learning opportunities on Sparx.
6. Attempt past UKMT challenges. [Junior](#), [Intermediate](#), [Senior](#)