

## A Parents' Guide to Sparx Maths



# CARR HILL HIGH SCHOOL

Sparx Maths is an online platform that we use for homework at both Key Stages. The platform is used to provide homework that compliments the maths curriculum, and intuitively adapts and responds to correct and incorrect answers.

Your child's maths teacher will select the topics that have been taught in class and build a personalised set of questions to match your child's current level of understanding. Teachers can monitor, motivate and support students through their homework by following their online completion rates. Parents and carers can monitor homework completion alongside our teachers and receive an email before the homework is due.

Completion of homework on Sparx Maths delivers a personalised set of questions every session, responding to the answers students enter and learning their strengths and areas for improvement. Homework results provide teachers with powerful insights into individual student progress and support in excellent planning for progress within maths lessons.

### How to Support Your Child:

1. **Encourage Regularity-** Encourage your child to complete their Sparx Maths homework for every deadline, in addition students can access the platform outside of set homework tasks.
2. **Encourage independence-** Encourage your child to tackle the questions, problems and activities on their own in the first instance.
3. **Seek support-** Encourage your child to use the support videos and ask their maths teacher when they find a particular topic more challenging or become 'stuck'.
4. **Seek support (II)-** additional support is available on Mondays after school in IT5 in our Sparx 100% Club
5. **Encourage an early start-** Encourage your child to complete their assigned homework as soon as possible so they can speak to their maths teacher before the deadline if they need some further help. Parents and carers receive emails directly from Sparx with updates at regular intervals over the week (check your 'Junk Folder')
6. **Check Completion:** Ensure they complete assignments by the due date

Students log into the platform using their Carr Hill Microsoft account, if you need any further support, via [contact@carrhill-ept.com](mailto:contact@carrhill-ept.com)

### Impact on GCSE Grades:

- **Grade Improvement:** Consistent use for **one hour per week** over an academic year yields an average improvement of **0.24 GCSE levels**.
- **Progress Rates:** Students using Sparx for just 15 minutes of extra practice each week make **83% more progress** compared to those who do no homework.
- **Targeting Grade 9:** High-performing students often use the platform's **Independent Learning** feature and **exam-style revision assignments** to reach the highest grades. For example, one top student achieved a **Grade 9** after completing 60 hours of Sparx.

