

Sparx Maths Project

The effect homework has on attainment

[Sparx.co.uk](https://www.sparx.co.uk)

Background

The value of homework has long been subject to debate, but most would agree that it shouldn't be set for the sake of it. [Recent research here at Sparx](#) shows a strong correlation between setting quality homework and student progress in maths.

Our data also shows a clear link between student progress and another contentious topic: homework length. That said, Sparx Maths recognises the need to balance homework with student wellbeing. Therefore we recommend an hour of homework per week – to be completed in full for maximum benefit.

However we know that this isn't always possible and that there are many challenges facing students and teachers when it comes to setting, completing and marking homework.

Aims of this project

- To address some of the challenges faced by setting homework
- To agree whether homework is a good or a bad thing
- To outline some ways in which homework can be moderated so students and teachers get the most from it

Extra reading and Supporting Docs

- Webinar - Does homework have an effect on attainment?
- Research - Sparx Maths - [Does homework length have an affect](#)

Some of the themes we would like to address with this project

- Is it worth the effort it takes to set homework?
- Parents are not engaged with Maths and therefore don't support maths homework?
- There is a lack of motivation from our students in maths in particular as it is seen as dry and boring
- It's hard to set homework that is challenging for all of my class
- How long should homework be?
- If your looking at ed tech how do you know it will make a difference?
- What importance should we put on evidence in Ed Tech?

Outputs

As part of this group we'll conduct the following activities

- Feedback session and debate where teachers can openly discuss homework and the challenges they face
- Questionnaire for small research project into homework conducted using participants of the project
- Some participants to partake in a trial of Sparx Maths

What is Sparx Maths?

Sparx Maths is a complete solution that supports teachers in planning, delivering and reviewing both lessons and homework throughout Key Stage 3 and GCSE. Sparx Maths also supports upper KS2 students, through our uniquely developed secondary ready content, specifically designed to get students prepared for their transition to secondary school

Benefits for school leaders, teachers and students range from personalised learning for every student to incredible real-time insights into class and student progress for teachers.