Sparx Learning Termly Impact Report
Glossary

Definitions in order of appearance in report

Term	Definition
Hours of personalised learning	The total working time across your school in the current academic year. This includes work done in homework and independent learning.
Questions answered correctly	The total number of questions answered correctly across homework or independent learning. This includes times tables practise for maths.
Improved or considered confident in Times Tables	Once a student is in the "90 Club" or higher they are considered, by Sparx, to be confident in their tables. This means that their knowledge of multiplication tables will not hold them back from completing work in Sparx Maths. When a student moves up a club within Times Tables, they have improved on their tables. The metric shown only includes students that have taken at least two assessments in Sparx Tables.
Pupil Premium provided by your school	Data containing students with Pupil Premium funding (PP) can optionally be provided to us through your MIS. This is used for reporting purposes and can add more rich detail to these termly reports if it is provided. More info here.
Average set homework length	Average set length is calculated as the average (mean) set length across every student's homework (compulsory homework only for Maths).
Deadline completion rates (excl. Reader)	Completion rates are calculated as the number of homework assignments (compulsory homework only for Maths) that had been completed at deadline divided by the number of homework assignments due.

	To be complete a student must have answered every question in their homework correctly. In this report only currently active students are included.
Compulsory homework enabled (Maths only)	When homework is enabled for a class, homework will automatically be set each week based on your school's SoL.
Times tables practice enabled	In Sparx Maths, a teacher can choose to add Times Tables to compulsory homework for students. They can do this for a whole class in Class Manager or individually in Student Manager. Students are given an initial diagnostic quiz whereby they are put into a club. Sparx Maths then tests specific tables based on the club that they are in until they are reassessed and a new club given.
Active working time	Average working time is calculated for every active student. This is calculated as the total time the student has spent actively working on homework or independent learning divided by the number of homework assignments they have had due within the report period. We start timing each question attempt from the first time the student opens the question. When the student submits an answer the total time spent on that question attempt is recorded. In addition, when students spend a very long time on a single attempt, we assume that this time is not active working time, and so we reduce the time recorded for these long attempts. The average for the school is taken as the median across all active students.

	More information available here.
Similar school	Where available, we show data from 5 similar Sparx Maths schools, using DfE data. Schools are compared using FSM, EAL, KS2 APS and KS4 pupil numbers. These 4 criteria are weighted evenly. Definition of these 4 criteria are as follows: • FSM - the % of pupils eligible for Free School Meals at any time during the past 6 years. • KS2 APS - KS2 Average Point Score • EAL - % pupils where English is not first language • KS4 pupil numbers - The total number of pupils in KS4 at the school
PP and non-PP rates	Data containing students with Pupil Premium funding (PP) can optionally be provided to us through your MIS. In this report completion and start rates are shown for PP and Non-PP students where the data is available. If data hasn't been provided for a student they are excluded from this metric.
Start rate (excl. Reader)	The start rate is calculated as the number of homework assignments (compulsory only for Maths) where a student has answered at least one question correctly by the deadline divided by the number of homework assignments due. In this report only currently active students are included.
Hand-in page	The Hand-in page shows up-to-date information each week about the status of homework completion for each student and the class as a whole. Here you can see who has finished their work ahead of schedule and also any students who have not started or completed their homework before the due date.

Hand-in page engagement	The hand-in page view rate is calculated as the percentage of class homework assignments that have been viewed at least once in the hand-in page between the set date and due date by any teacher, divided by the total number of class homeworks due.
Hours of careful reading	The total careful reading time across your school in the current academic year. This includes all ebook reading for homework and any extra a student might undertake.
Books finished (Reader)	The total number of books that have been finished in Sparx Reader in your school's current academic year, either as an ebook or via Gold Reader. The onboarding book is excluded from this count. Every book finished by each student is represented.
Average set homework length - Reader	Average set length is calculated as the average (mean) set length across every student's homework. In Reader the homework set length is a target amount of SRP. 10 SRP is approximately equivalent to 1 minute of careful reading.
SRP - Reader	SRP stands for Sparx Reader Points. Students will earn SRP as they read and pass their checks.
Students access	A student has access to the product when their class has been imported from your MIS.
Careful reading time	Average working time is calculated for every active student. This is calculated as the total time the student has spent carefully reading on homework divided by the number of weeks they have had homework due within the report period. We start timing from the first time the student opens a reading passage to when they receive their next check. Only time spent reading when a student then passes the subsequent check is counted towards careful reading.

	The average for the school is taken as the median across all active students.
Deadline completion Rates (Reader)	Completion rates are calculated as the number of weeks where a student had completed every homework due that week by its respective deadline divided by the number of weeks where the student had homework due. A homework is considered complete in Sparx Reader when a student has reached the SRP target. In this report only currently active students are included.
Start rate - Reader	The start rate is calculated as the number of weeks where a student has gained at least 1 SRP in any homework due that week by its respective deadline divided by the number of weeks where the student had homework due. At the end of each section they read, students will see a small number of questions or a 'check' to see how carefully they have read. If a student passes the check, they will earn some SRP. A student can also earn SRP