Daily Conquermaths and Lexia.

Using computer based packages for literacy (Lexia) and numeracy (Conquermaths) we are able to personalise learning for fundamental literacy and numeracy skills for all our students. The techniques are embedded through repetition, that is both fun and engaging, while ensuring that learning is underpinned and tailored to individual pupils needs.

Functional literacy and numeracy, core life skills, are at the very heart of these packages. These sorts of skills are essential for building learning in every other subject and building confidence and competence ready for the world outside of school and the workplace. They also are essential building blocks for everyday social interactions.

These packages provide personalised interventions for our students that inform planning and delivery of lessons across the curriculum. Therefore period one on the timetable (a thirty five minute lesson), from Tuesday to Friday has been dedicated to their delivery.

Students can also access their Conquermaths and Lexia packages from home and can continue their learning in this way. The greatest progress is demonstrated by those pupils who have consistently completed the most time on the programmes. Thus working at home on Conquermaths and Lexia is included in the homework instructions for our pupils.

This initiative gives our students access to structured, ongoing repetition of tasks to build their skills into their daily and weekly routine. They can see the value of these skills and the need to constantly improve their understanding By working effectively at home as well as school, an excellent partnership is built.

Assessments can be rigorously checked and screened by staff to ensure progress is being made in all areas and where there are difficulties further personalised interventions and strategies can be put in place to ensure the maximum progress is achieved by all our pupils.

Lexia

A range of data is available from Lexia assisting the monitoring of progress and facilitating learning. Students work independently to develop reading skills in a structured, sequential manner with a focus on:

- Foundational skills to develop automaticity and fluency
- Listening and reading comprehension with complex text
- Academic and domain-specific vocabulary to improve comprehension

Each student follows a **personalized learning path**.

- **Performance Predictors** - indicate each student's percent chance of reaching the end-of-year benchmark for his or her grade level.
- **Progress Report** - gives more in-depth information on both class and specific pupil progress.
- **The usage graph** displays average usage for all students in your class who have used Lexia Reading at least once in the past 4 weeks.

The graph below relates to Conquermaths:
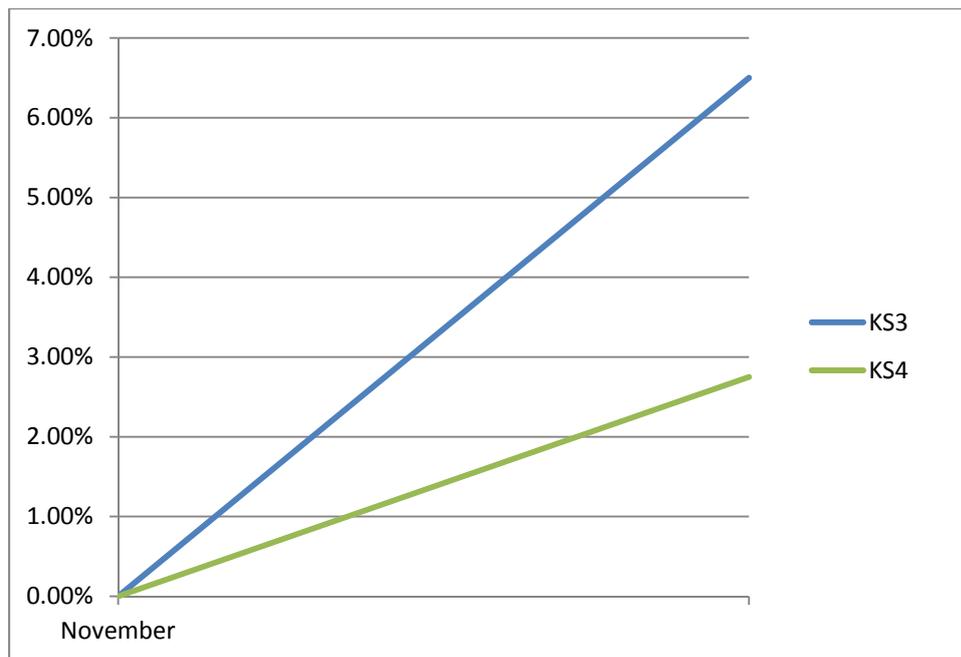
The Data above shows the average increase in efficiency for KS3 and 4 from November to January.

This demonstrates that overall our students are gaining more skills and becoming more competent in maths over the various strands that we cover as part of the curriculum.

Students can access their Conquermaths from home and can continue their learning in this way. The greatest progress is demonstrated through those who have completed the most time on the program.

Where students have had difficulties and are still struggling in some areas of maths work, staff are able to quickly identify the areas of difficulty and address the ongoing weaknesses with specific interventions.

This is programme complements very well students' ongoing learning and their overall ability in lessons.