

Numeracy at Isca Academy: March 2021

Raising the standards of numeracy of all of our students is paramount at Isca Academy. The Academy believes that through developing 'number confidence' there is every chance our students will be successful across all areas. We measure our success, not only on the confident application of number within the Academy but also our students' ability to employ numerical methods outside of the academy and in future educational and social environments.

Universal provision: Classroom Intervention

Strategies are in place to ensure that all students make the best possible progress in all Maths lessons. These include scaffolding tasks, detailing steps for each stage of a calculation and model answers where appropriate.

Universal provision: Common Language and Methods

Every student at Isca Academy will have access to the same vocabulary and explanations for Mathematical terminology, and this will be used consistently across lessons.

Methods for performing written calculations will also be consistent across sets, so students can access a method that is at an appropriate level for them. Numeracy Ninjas is used to support the application of these methods.

Numeracy Interventions

Students are selected for intervention based on being below expected progress in PT data and having a CAT score <85. Numeracy intervention will take place for 1 hour a week.

STAR Assessments

At the start of the intervention, students are tested using STAR Mathematics Assessments to ensure that the intervention sessions cover any gaps in their numeracy knowledge.

Intervention

Precision teaching of key topics in small groups
1 session a week
Sessions run for 12 weeks.

Intervention

Students in sets 3 and 4 have Do Now Activity's that reflect and support the topics taught in interventions

Star Assessments: Impact

After the period of intervention, students are re-tested using STAR Assessments to ensure that the intervention is right for them and is having an impact.

Threshold not met

Students continue with intervention to ensure a strong foundation of key mathematics skills

Threshold met

Students continue with their usual Mathematics lessons with continuing support in the classroom

Universal provision: Numeracy across the Curriculum

Methods for performing calculations should be consistent across the school. Maths teachers will make explicit links between topics taught in other subjects across the school.