

22<sup>nd</sup> June 2020

Dear Parent,

**Year 6 Transition Course – Maths**

Over the coming weeks, we are giving all Year 6 students preparing to join Isca Academy access to Sparx Classroom to complete a bespoke Year 6 Transition Course. Sparx is a Maths online learning platform that is used extensively within the maths department at Isca Academy. The transition course is designed to allow Year 6 students to revisit the basics of written calculation, rounding and negative numbers in advance of starting secondary school Maths in September.

	Content
Week 1	Core: Ordering Whole Numbers (Low) Stretch: Ordering Decimals (Mid-High)
Week 2	Core: Adding Whole Numbers (Mid-Low) Stretch: Adding Decimals (1) (Mid-High)
Week 3	Core: Subtracting Whole Numbers (Mid-Low) Stretch: Subtracting decimals (1) (Mid-High)
Week 4	Core: Multiplying and Dividing by 10 and 100 (Mid low) Stretch: Using a fully written method to Multiply (Mid-High)
Week 5	Core: Dividing Numbers into equal groups (Low) Stretch: Dividing with a remainder (Mid-High)
Week 6	Core: Finding areas and Perimeters using grids (Mid-Low) Stretch: Finding the area and perimeter of rectangles (Mid-High)
Week 7	Core: Rounding Whole numbers (Mid -Low) Stretch: Rounding Decimals (Mid-High)
Week 8	Core: Reading scales involving negative numbers (Mid-Low) Stretch: Adding and subtracting with negative numbers (Mid-High)

Each week a personalised link will be sent to parents. This link allows students to gain access to Sparx classroom. Upon clicking the link, students may be asked whether the hyperlink can be trusted and if it is harmful to their computer. The Sparx Classroom links are not harmful to computers and Sparx can be added to your internet browser’s list of trusted websites. Students will then be prompted to enter their full name. It is essential that all students enter their name carefully each time they complete a Sparx Classroom lesson.

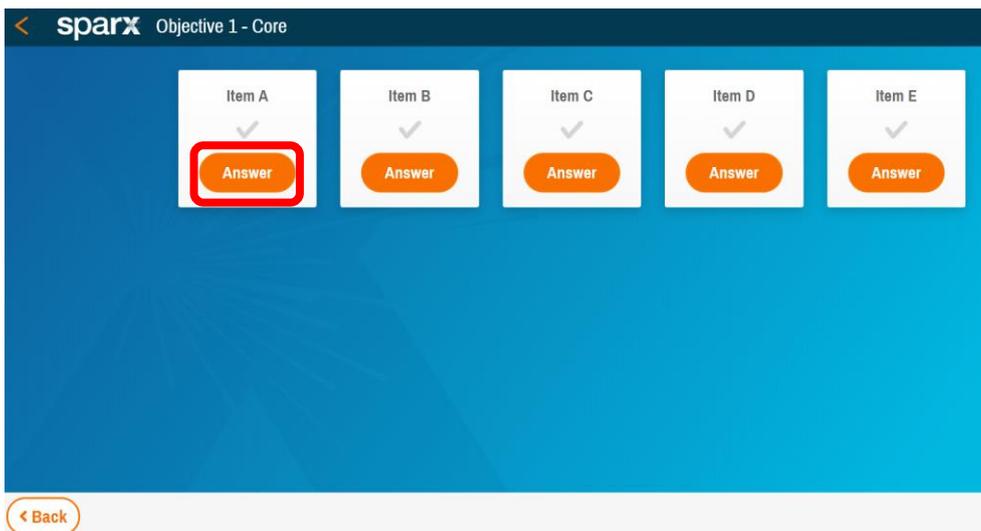
**Fill in the details below to join your lesson.**

You must enter your full name accurately so that your teacher can see your progress in the lesson.

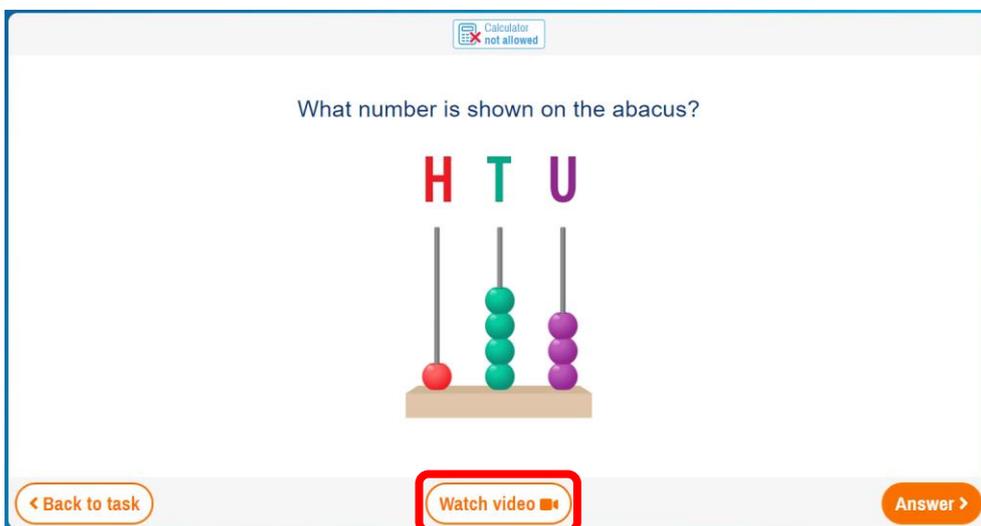
**First name:**

**Last name:**

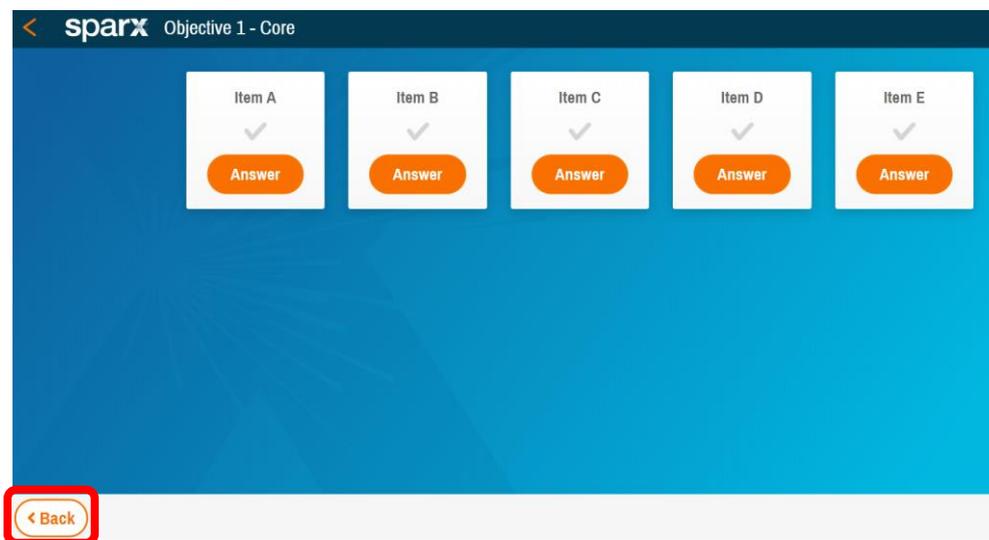
Upon entering the lesson students will be met with a screen like the one below. For 'Objective 1 – Core' in this lesson there are 5 questions to answer. Students click on the 'Answer' button below to view and answer each question.



If students are finding a question challenging they can use the 'Watch Video' button which explains the topic being completed.



When 'Objective 1 – Core' has been completed, use the backwards arrow button to see the Lesson Overview.



Each lesson in the Year 6 Transition Course will contain two objectives. Each objective is split into three sections: core, extension and challenge.

- Objective 1 tasks should be completed by all students
- Objective 2 tasks are set to stretch those who would like to test their mathematical skills further.

▼ Lesson for Apollo		New
Objective 1 - Core	<input type="checkbox"/>	New
Objective 1 - Extension	<input type="checkbox"/>	New
Objective 1 - Challenge	<input type="checkbox"/>	New
Objective 2 - Core	<input type="checkbox"/>	New
Objective 2 - Extension	<input type="checkbox"/>	New
Objective 2 - Challenge	<input type="checkbox"/>	New
Plenary - Core	<input type="checkbox"/>	New
Plenary - Extension	<input type="checkbox"/>	New

Completing the Year 6 Transition course will put your child in the best possible position to start Year 7 and will support them to make a smooth transition to secondary school Mathematics.

We look forward to welcoming your child to Isca Academy in September.

Kind regards,



Mr Andrew Barratt – Assistant Headteacher, Mathematics



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