

Numeracy Strategy 2022/23

Context

Orleans Park achieves strong results in Mathematics (2022 GCSE Results 4+:90%; 7+:51%) and supports all students to achieve their potential, delivering small-group numeracy intervention for students as well as providing challenge by offering GCSE Further Mathematics at KS4. There is strong take-up of Mathematics at A level. Proactive assessment ensures that students who require numeracy support are identified early and this intervention is provided by the Mathematics teachers, LSAs and the Literacy and the Numeracy Support Assistant. The intervention focuses on areas that develop students' number confidence (for example, times tables; operations; place value;) and helps students to access the mathematics curriculum.

Intent and Implementation

Numeracy skills are a whole-school responsibility and teachers of subjects other than Mathematics are familiar with correct mathematical language, notation, conventions and techniques relating to their own subject and encourage students to use these correctly. The Mathematics department takes the lead on providing assistance and advice to other departments, so that a correct and consistent approach is used in all subjects and students are confident enough to use basic mathematics in real-life situations.

Intent	Implementation
<ul style="list-style-type: none"> ▪ Relevant teachers are given the skills to teach numeracy confidently, using the same methods as the mathematics' department. 	<ul style="list-style-type: none"> ▪ Mathematics department creates training based on key areas identified ▪ Mathematics teachers provide training during dedicated CPD sessions ▪ Teachers adapt lesson content/sows accordingly ▪ Learning walks are carried out by Mathematics teachers to identify areas of strength and development ▪ 1:1 training is provided to teachers where needed, including joint teaching if appropriate
<ul style="list-style-type: none"> ▪ Improve Mathematics of those who arrive at Orleans Park with below expected levels 	<ul style="list-style-type: none"> ▪ 1: 1 intervention sessions ▪ Setting in Mathematics from Year 7 with targeted numeracy skills for lower sets
<ul style="list-style-type: none"> ▪ Promotion of numeracy across the school 	<ul style="list-style-type: none"> ▪ Extra - curricular clubs support a love of numbers and problem solving (Maths Club, Chess Club)

Impact

- Students can apply their numeracy skills across subjects and recognise that they are using the same methods - this will be evident in their books
- Teaching staff are confident about asking for support from Mathematics teachers and communication is two way.
- Mathematics teachers are aware of and reference the application of numeracy skills in other subjects during their mathematic lessons so that students can see the links.