



**THIRD SPACE
LEARNING**

Secondary School Maths Intervention Checklist

8 steps to ensuring your maths intervention has maximum impact on the students who need it most.

SLT Guides

Introduction

Every term, we speak to hundreds of teachers, maths leaders and other SLT who have identified a specific group of students and are looking to join the 4,000 schools who've signed their students up for our online one to one maths tutoring programmes.

Since we started in 2013, we've learnt a lot about what the 'best' schools do to ensure their maths interventions have maximum impact. Whatever type of intervention you choose, these 8 steps are essential.

We're maths specialists, so we've written this checklist with maths in mind, but the principles stand firm whatever subject your students need support with.

Secondary School Maths Intervention Checklist

1 Choose the students who will benefit most

- Online interactive interventions will work better for some students, whilst other students will prefer having face to face interactions; all students have individual needs
- Start by looking at your internal assessment data as well as your Pupil Premium and SEND data to identify the students who would benefit the most from additional support
- Think particularly about which students might not otherwise be able to access this kind of support

2 Define your goal

- Do some students have gaps in their maths knowledge? Do some students need to be challenged more?
- Is it just a short term boost that's needed to support their GCSE preparation or are you looking for more long-term gains in confidence and attitudes to maths?
- What type of maths intervention would suit your SEND students the best?
- Is there a specific topic or skill your students would benefit from more support with?

3 Consider your intervention options

- Think about the impact you'd like to see and when you'd like to see it by
- Consider how much capacity your staff have to plan, manage and monitor maths interventions in school
- Speak to colleagues at other schools, or in your cluster group; read reviews online and in forums and read the relevant newspapers and magazines
- Speak to intervention providers to understand what they can offer and the impact you can expect to see

4 Allocate your budget and resources

- Pupil Premium can be used on targeted academic support, and Recovery Premium is also available as a post-Covid catch up fund
- Consider which staff are available to run the interventions and how that relates to the timetable

5 Use maths specialists

- Maths interventions will be most effective when they are delivered by maths specialist teachers or tutors
- Consider whether you can redeploy your staff (e.g. teaching assistants) to provide cover

6 Plan up-front how you'll measure success

- Is a pre-test and post-test appropriate or are you evaluating the softer skills of your students?
- Will you speak regularly to whoever is leading the intervention, as well as each student's class teacher, to understand progress and impact over time
- If using an external provider or scheme, will there be reports you can access to understand impact?
- How often will you speak directly to the students involved to hear how they feel the tutoring is benefiting them?
- What will be the most effective way of proving the impact that the tutoring has had to your headteacher and governors?

7 Use diagnostic assessments

- Identify each student's gaps and misconceptions, and implementing an intervention that will address these most effectively
- Ensure whoever is leading the intervention can access the results of these assessments

8 Ensure tutoring content is consistent and aligns with your maths curriculum

- If using an external intervention programme, ask to review the content to ensure it is consistent with your maths curriculum
- The best maths interventions address gaps in learning, while encouraging independent practice. Ensure your intervention aligns with what is being taught in your classroom

How Third Space Learning's tutoring stacks up

		 THIRD SPACE LEARNING
Choose the students who will benefit most	Secondary programmes cover content from GCSE and KS3 and schools are free to choose exactly which students they'd like to put on the programme	✓
Define your goal	Programmes are available for GCSE revision and KS3 practice . Lessons are designed to close individual learning gaps, build conceptual understanding and boost confidence	✓
Consider your intervention options	Third Space Learning has been trusted by 4,000 schools since 2013 and we've worked hard to ensure it's easy to set up and run	✓
Allocate your budget and resources	Third Space Learning is the most affordable DfE-approved one to one tutoring provider and all students need is a laptop, desktop or iPad and a headset which we'll send out for free	✓
Use maths specialists	We recruit STEM graduates and undergraduates and provide extensive initial and ongoing maths tutor training ; all programmes have been developed by former teachers and maths experts	✓
Plan up-front how you'll measure success	Reports are available every step of the way to ensure you're kept up to date with how your students are getting on	✓
Use diagnostic assessments	Every student starts with an initial assessment to diagnose individual gaps; this - alongside post-session questions - is then used to inform each student's personalised learning journey	✓
Use consistent curriculum - aligned lessons	All Third Space Learning lessons have been specially created by maths teaching experts and follow an ' I do, we do, you do ' approach to encourage conceptual understanding	✓






"The group who attended the sessions improved 1.19 of a GCSE maths grade on average, 0.46 more than those who didn't have the sessions."






Andy Appleford,
Maths Director, Westfield School

Do you have a group of pupils who need a boost in maths this term?

Each pupil could receive a personalised lesson every week from our specialist 1-to-1 maths tutors.

-  Raise attainment
-  Plug any gaps or misconceptions
-  Boost confidence

Speak to us

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