



**THIRD SPACE
LEARNING**

Math Intervention Checklist

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

School and District Leader Guides

Contents

- 2** | Introduction
- 3** | Math Intervention Checklist
- 5** | How Third Space Learning's tutoring stacks up

Introduction

Every semester, we speak to hundreds of teachers, math coordinators and other school and district leaders who have identified students in need of extra math support and are looking to join the 4,000+ schools who've signed their students up for our online one on one AI math tutoring programs.

Since Third Space Learning began in 2013, we've learnt a lot about what highly-effective schools do to ensure their math interventions have maximum impact on student achievement. Whatever type of intervention you choose, these 8 steps are essential.

Third Space Learning's math specialists conducted thorough research to craft a comprehensive checklist outlining principles for developing an effective math intervention program.

"As administrators, we're always looking for that silver bullet, and this is pretty close. One-on-one interaction is what so many kids need, but providing that kind of instruction simultaneously just isn't normally possible in school. With Third Space Learning, it is."



Ryan Lucas, Principal
Governor's Ranch Elementary, Colorado



Secondary School Maths Intervention Checklist

1 Choose the pupils who will benefit most

- ✓ Online interactive interventions will work better for some pupils, whilst others will prefer having face to face interactions; all pupils have individual needs
- ✓ Look at your internal assessment data as well as your Pupil Premium and SEND data to identify the pupils who would benefit the most from additional support
- ✓ Consider which pupils might not otherwise have access this kind of support

2 Define your goal

- ✓ Do some pupils have gaps in their maths knowledge? Do some pupils need to be challenged more?
- ✓ Is it just a short term boost that's needed for SATs or are you looking for more long-term gains in confidence and attitudes to maths?
- ✓ What type of maths intervention would suit your SEND pupils the best?
- ✓ Is there a specific topic or skill your pupils 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 school 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 are 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 pupils?
- ✓ Will you speak regularly to whoever is leading the intervention, as well as each pupil'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 pupils 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 pupil'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










"I would recommend Third Space Learning because of the course content and because the 1:1 explanations really supports pupil progress. This is one of the most effective interventions I have come across in my 27 years of teaching."



Yolanda Musinguzi, Headteacher,
Headteacher, Lathom Junior School, Newham



How Third Space Learning's tutoring stacks up

		 THIRD SPACE LEARNING
Choose the pupils who will benefit most	Primary programmes cover KS2 content and schools are free to choose exactly which pupils they'd like to put on the programme	
Define your goal	Programmes are available for KS2 catch up and for more specific SATs revision . 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's AI tutoring is 90% cheaper than other tutoring providers and all students need is a laptop, desktop or iPad and a headset	
Use maths specialists	All programmes, and AI tutor Skye, have been developed by former teachers and maths experts ensuring specialist knowledge, curriculum alignment and evidence-based teaching strategies in every session	
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 pupils are getting on	
Use diagnostic assessments	Every pupil starts each session with a skill check in and finishes with a skill and confidence check out to track their progress and the individual learning gaps they overcome	
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	



**THIRD SPACE
LEARNING**

Looking to improve your school's maths results without stretching your budget?


Tutoring from our spoken AI maths tutor Skye gives schools an even more affordable option for every pupil.

- ✓ 90% cheaper than other tutoring providers
- ✓ Curriculum-aligned lessons designed by qualified teachers
- ✓ Discounts available for long-term bookings and MATs

93% of teachers feel Third Space Learning lessons helped their pupils achieve higher assessment scores.

Speak to us

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