

Project-TEMP Intervention ‘Recipe - Using an enrichment website such as underground maths

Developing Team:

1:Athina

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Mathematical Concept(s):	Various
Digital Tool:	MathsSpace, Google docs and Socrative
Preparation Time:	Estimated 30 -60 minutes
Lesson Time:	50 to 100 minutes (single or double session)

Purpose (Why do this intervention?)

Potential Outcomes for students and teachers: Repetitive tasks to help students memory and designing of their own questions will hopeful help students engage more in maths tasks, develop fluency in basic concepts and help with confidence in the subject

Recorded Benefits for students and teachers: Students developed pride in their work, since they took ownership of their own learning through the process of designing questions. Enjoyed using ICT tools to play maths games, and developed good learning habits

Process (A step by step ‘how to’ implementation of this intervention)

Teacher ‘How to’

The first phase was to help in retaining knowledge by the continuous use of interactive maths applications in every lesson as plenary.

Use mathspace and create repetitive questions on each topic following the scheme of learning.

Set the questions at the end of each lesson using the classroom laptops

Receive the feedback from mathspace together with students results

Keep a record of their scores

Student ‘How to’

Students to solve the same questions in every lesson as a plenary(different numbers)

Repeat this process until confident to develop their own questions

Get instant feedback from the interactive tools was also a motive to do well and complete the exercises set by their teachers

Evaluation what makes a good and a bad question

<p>When students are succeeding in the given questions and their scores improve, move on to the google docs preparation</p> <p>Create one document for students to design their questions and share with the class</p> <p>Monitor students comments on each other and intervene when necessary</p> <p>As soon as everyone has contributed with a question extract questions to a Socratic mini assessment</p> <p>Share in the following lesson and allow students to take test that each other created.</p> <p>Record results and ask them to complete an evaluation form of the whole process</p> <p>Repeat for the next major topic</p>	<p><i>Design their own questions using google docs and allow each other to comment on the question (teacher monitored)</i></p> <p><i>Agree on their final questions and submit to the teacher to create the mini assessment using socratic</i></p> <p><i>Attend the assessment made by the students questions</i></p> <p><i>Evaluate the process and repeat for next topic</i></p>
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Products (If applied what will the successful intervention look like?)

Students outcomes in problem solving questions should increase overtime of using those resources