

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

Developing Team:

1:Athina

2:Sara

3:Andy

Mathematical Concept(s):	Various
Digital Tool:	Underground Maths and Google forms
Preparation Time:	Estimated 30 -60 minutes
Lesson Time:	50 to 100 minutes (single or double session)

Purpose (Why do this intervention?)	
<p><i>Potential Outcomes for students and teachers: Becoming an independent learner, accessing research material without teacher guidance, developing problem solving skills beyond the syllabus</i></p> <p><i>Recorded Benefits for students and teachers: Students results from their mock exams and end of year assessments were very positive but not necessarily due to the use of IT tools in class. In all the IT used was a benefit for those who enjoyed learning something new, but there were still students that preferred working from text books solely.</i></p>	
Process (A step by step ‘how to’ implementation of this intervention)	
<p><i>Teacher ‘How to’</i> Set Homelearning tasks every half term based on 2 different websites ; Underground Maths and Brilliant</p> <p><i>Research the appropriate tasks and provide selection for students to decide on problems of their choice.</i></p> <p><i>Ask them to work independently for the first and in pairs/triads for the second and create a presentation for their peers</i></p> <p><i>Present findings from homelearning in lessons and evaluate the process using google forms</i></p>	<p><i>Student ‘How to’</i> Receive homelearning and engage during the half term break</p> <p><i>Attend problems of their choice(maximum 3) from Underground maths/ Brilliant</i></p> <p><i>Create presenation on their solutions, even if those did not reach a concrete answer. Include all elements of working out and thinking behind the solutions</i></p> <p><i>Create a ppt presenation for class use and be ready for answering questions that might come up</i></p> <p><i>Evaluate the process and self assess using</i></p>

<i>Repeat every half term</i>	<i>google forms</i>
Products (If applied what will the successful intervention look like?)	
Students outcomes in problem solving questions should increase overtime of using those resources	