

## Math can be fun – basic math definitions

TOPIC : math, calculate, add, definitions, geometry

LEVEL : intermediate/ upper intermediate

Time : 45 minutes

Objectives:

- to learn or revise vocabulary connected with basic math definitions
- to learn basic math
- to develop reading, speaking and listening comprehension skills
  - to enable students use the Internet to gather specific information

Language functions:

- to exchange ideas about math and science in general
- to understand listening material and a written text
  - to communicate in English

CLIL: Math, IT Technology

MATERIALS: websites, worksheets

For this lesson, you will need:

- Computer with Internet access

STAGE	AIMS	PROCEDURE	MATERIALS/ RESOURCES	TIME
<b>WARM UP</b>	-to get students interested in the topic -to encourage them to work in pairs	<b>PAIR WORK</b> Speaking work in pairs. They are given a handout (worksheet 1) with some questions on MATH. They take turns and ask each other questions. They are encouraged to ask follow up questions to get more details.	Worksheet 1	5 min
<b>MAIN PART OF THE LESSON</b>	-to develop listening and reading skills	<b>LISTENING - GAP FILL</b> Sts are given worksheet 2 with a short listening exercise related to math. While watching they are asked to complete the gaps. After completing the task, sts are asked to share their answers with the rest of the class.	Worksheet 2 <a href="http://www.listenAminute.com/mathematics.html">http://www.listenAminute.com/mathematics.html</a>	5 min
	-to revise vocabulary - to revise basic mathematical knowledge	<b>ONLINE QUIZ</b> Sts are asked to go to the following website <a href="http://www.transum.org/software/SW/Starter_of_the_day/students/General_Knowledge.asp">http://www.transum.org/software/SW/Starter_of_the_day/students/General_Knowledge.asp</a> and complete a short self-check quiz	<a href="http://www.transum.org/software/SW/Starter_of_the_day/students/General_Knowledge.asp">http://www.transum.org/software/SW/Starter_of_the_day/students/General_Knowledge.asp</a>	10 min

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		called <b>Maths General Knowledge Quiz</b> . It is going to test their understanding of some general mathematical facts. After completing the task, they are asked to share their score with the rest of the class.		
	<ul style="list-style-type: none"> <li>- to develop reading comprehension, vocabulary, and summarizing skills</li> <li>- to enable sts use the Internet to gather information</li> </ul>	<p><b>WEBQUEST – MATH DEFINITIONS</b></p> <p>Each student receives a handout (worksheet 3) with a number of math terms. They are asked to browse the Internet in order to find their definitions. After accomplishing the task, students present their findings to the rest of their classmates.</p>	worksheet 3	20 min
<b>WRAP - UP/ CLOSURE</b>	-to revise vocabulary which sts came across during the lesson	<p><b>WORDSEARCH PUZZLE</b></p> <p>Students get worksheet 4 with a word search featuring words related to math. If time does not allow to do it in the classroom, they will do it as their homework.</p>	Worksheet 4	5 min

### SOURCES:

<http://www.listenAminute.com/m/mathematics.html>

[http://www.transum.org/software/SW/Starter\\_of\\_the\\_day/students/General\\_Knowledge.asp](http://www.transum.org/software/SW/Starter_of_the_day/students/General_Knowledge.asp)

<http://www.esldiscussions.com/m/maths.html>

[www.busyteacher.com](http://www.busyteacher.com)