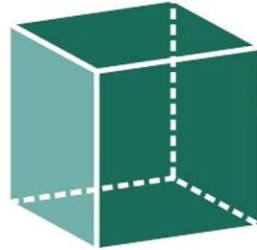




Project funded by: Erasmus+ / Key Action 2 - Cooperation for innovation and the exchange of good practices, Strategic Partnerships for school education (European Commission, EACEA)



MATHESIS
CREATIVE MATH - VIRTUAL WORLD

MATHESIS CURRICULUM

MATHESIS – Attracting students’ interest in mathematics and improving their Skills, comprehension and performance with the use of a virtual reality educational platform

- 2020-1-RO01-KA201-080410 -

No.	Activity ID	Subject	Activity Name	Proposal topic
1	NC1-K7	Numbers & Calculations	Whole Numbers	Arithmetical methods of problem solving
2	NC2-K7	Numbers & Calculations	Ordering of Fractions	Ordinary and decimal fractions
3	NC1-K7/K8	Numbers & Calculations	Calculation with Fractions (addition, subtraction, multiplication, division)	Ordinary and decimal fractions
4	NC2-K7/K8	Numbers & Calculations	Comparing Fractions	Ordinary and decimal fractions
5	NC3-K7/K8	Fractions	Conversion of Fractions & Decimal Fractions as Common Fractions	Ordinary and decimal fractions
6	NC1-K8	Numbers & Calculations	Ratio & Proportion	Reports. Proportion
7	F1-K7/K9	Functions	Linear / Quadrilateral	Functions and equations
8	F2-K11/K12	Functions	Derivatives	Derivatives. Derivatives calculation
9	F3-K11/K12	Functions	Definite Integrals	The definite integral
10	G1-K8/K9	Geometry	Relationships Between Angles	2D & 3D Geometry (including Quadrilateral)
11	G2-K8/K9	Geometry	The Circle & Related Concepts	2D & 3D Geometry (including Quadrilateral)

12	G3-K8/K9	Geometry	Regular Polygons I	2D & 3D Geometry (including Quadrilateral)
13	G4-K8/K9	Geometry	Regular Polygons II	2D & 3D Geometry (including Quadrilateral)
14	G5-K8/K9	Geometry	Geometric Constructions	2D & 3D Geometry (including Quadrilateral)
15	G1-K10	Geometry	Calculating Angles Related to Polygons	2D & 3D Geometry (including Quadrilateral)
16	G2-K10	Analytical Geometry & Vectors	Angle Between Vectors in the Plane	2D & 3D Geometry (including Quadrilateral)
17	TSM1-K7/K9	Thinking Skills & Methods I	Logical Thinking: Measurement / Comparison / Conversion	Units of measure
18	TSM2-K7/K9	Thinking Skills & Methods II	Logical Thinking: Measurement / Comparison / Conversion	Units of measure
19	ANT1-K11	Algorithm & Number Theory	Basic Concepts in Algorithmic Thinking: Sequencing, Selection & Repetition	Arithmetical methods of problem solving
20	ANT2-K11/K12	Algorithm & Number Theory	Gaussian Elimination	Matrix computation elements and linear equations systems
21	3DG1-K12	3D Geometry	Vector Format in a 3D Coordinate System	Trigonometrical Elements