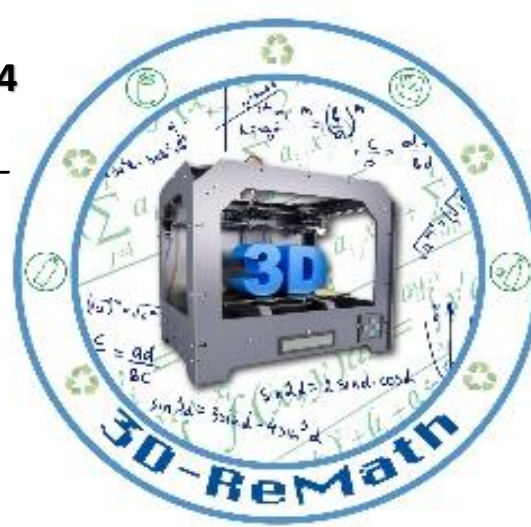




Project code:  
2019-1-EL01-KA201-062914

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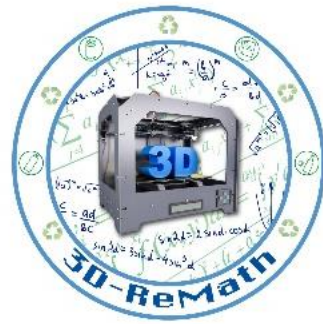
2nd  
Primary School  
of Chios



3D printing technology aims students understanding maths and recycling procedure

*02\_2<sup>nd</sup> Curricula of Maths: Syllabus*

Lecture\_0



# Learning outcomes

At the end of this course students will be able to:

- Distinguish among different criteria
- Realize mathematical concepts, such as sets and combinations
- Perform simple calculations
- Perform simple mathematical modeling
- Visualize mathematical formulas in figures

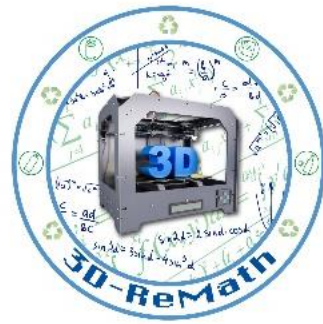


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# Outline



## Course 1-2:

- Definition of a set (a well-defined collection of distinct objects, considered as an object in its own right)
- Everyday examples to explain the notion “well-defined”. The importance of criteria in mathematical thinking
- Subsets



(a)



(b)



(c)

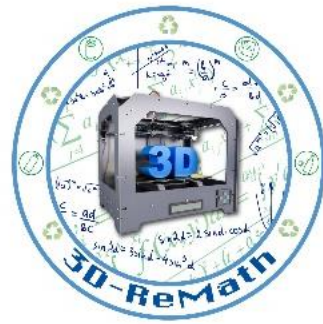


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# Outline



## Course 3-4:

- Mathematical representation of sets and elements
- Distinction between the use of small and capital letters



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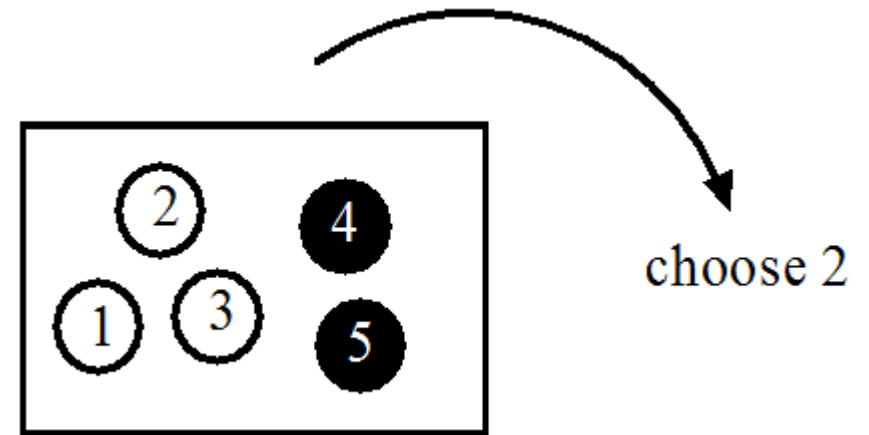
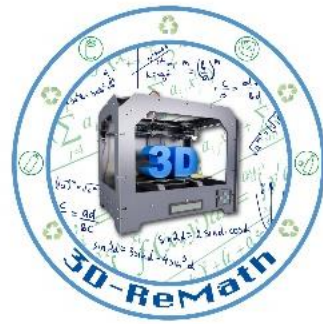
# Outline

Course 5:

- From sets to combinations

Course 6-7:

- Combinations

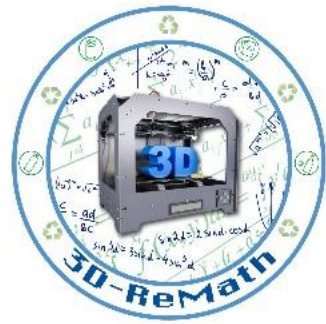


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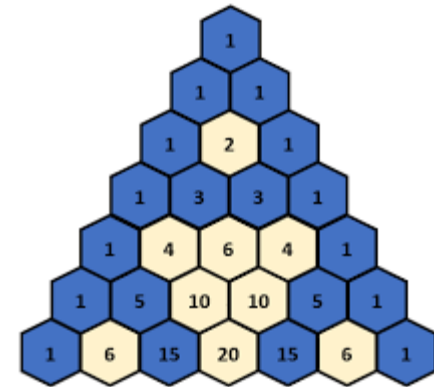


# Outline



## Course 8:

- Constructing a Pascal Triangle
- Connection of different terms
- Feedback - Discussion



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