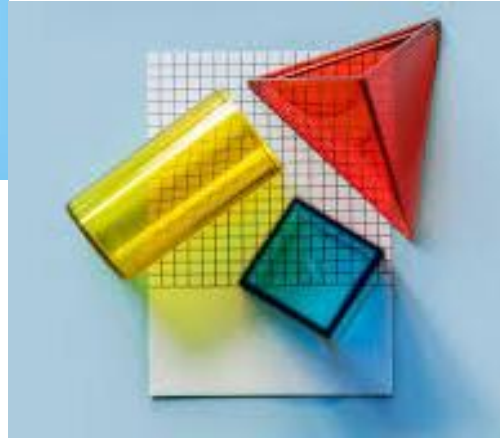




Project code:
2019-1-EL01-KA201-062914

Erasmus+ Call: 2019 - KA2 -



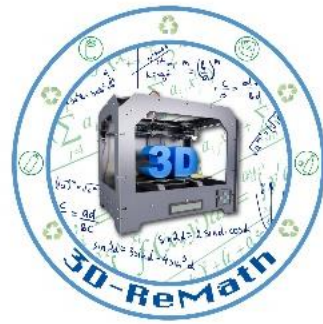
3D printing technology aims students understanding maths and recycling procedure

*02_2nd Curricula of Maths:
Mathematical Thinking_Sets*

Lecture_3-4

Outline

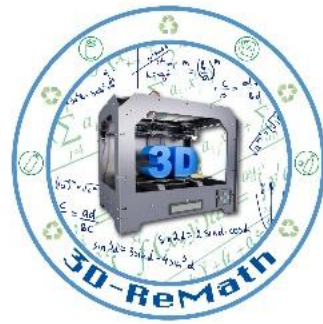
- Mathematical Game
- Activities



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Remember...



This is a mathematical **game**
which improves
mathematical thinking

Students Print

- ✓ Letters A, B, C, D
- ✓ Numbers
1,2,3,4,5,6,



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ACTIVITY

Suppose I have the objects A and B. In how many ways I may choose one out of them?

Print letters A, B



- One choice is to choose object



- Another choice is to choose object



- Overall I have **2** different choices

Students may print the number



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ACTIVITY

Suppose I have the objects A and B. In how many ways I may choose two out of them?

Print letters A, B



- The only choice is to choose both objects  and 

- Overall I have **1** different choice

Students may print the number



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ACTIVITY

Suppose I have the objects A , B and C . In how many ways I may choose two out of them?

Print letters A, B, C



- One choice is to choose object
- Another choice is to choose object
- Another choice is to choose object
- Overall I have **3** different choices



Students may print the number



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ACTIVITY

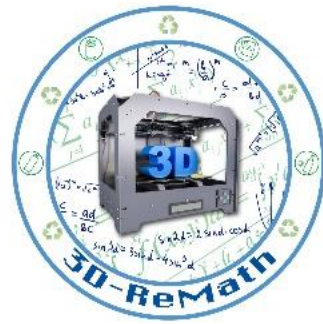
Suppose I have the objects A , B and C . In how many ways I may choose one out of them?

Print letters A, B, C



- One choice is to choose object  and 
- Another choice is to choose objects  and 
- Another choice is to choose objects  and 
- Overall I have **3** different choices

Students may print the number



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ACTIVITY

Suppose I have the objects A , B, C and D . In how many ways I may choose one out of them?

Print letters A, B, C, D



- One choice is to choose object



- Another choice is to choose object



- Another choice is to choose object



- Another choice is to choose object



Students may print the number



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ACTIVITY

Suppose I have the objects A , B, C and D . In how many ways I may choose two out of them?

Print letters A, B, C, D



- One choice is to choose object



and



- Another choice is to choose objects



and



- Another choice is to choose object



and



Students may print the number



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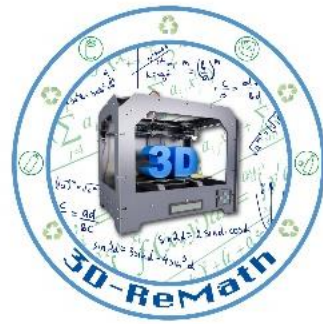
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ACTIVITY

Suppose I have the objects A , B, C and D . In how many ways I may choose two out of them?

Print letters A, B, C, D. (Print all letters A three times



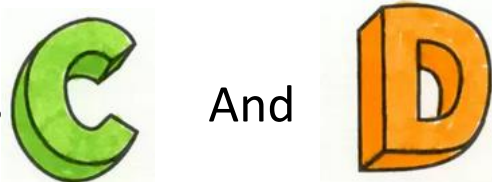
- One choice is to choose objects



- Another choice is to choose object



- Another choice is to choose objects



- Overall we have 6 choices

Students may print the number



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