



eTwinning

THE COMMUNITY  
FOR SCHOOLS  
IN EUROPE  
GREECE



# STEM

## MULTILATERAL SEMINAR



3-5 Oct.  
Patra, Greece



Hashtags #eTwinPatras2019  
#eTwinning



Hellenic Ministry  
of Education and  
Religious Affairs

CTI  
"DIOPHANTUS"



Computer Technology  
Institute & Press



Erasmus+

The educational model of STEAM in modern education.  
From the Experience of construction to the Theory of science  
“Mathematics in Technology”

***Aris Mavrommatis***

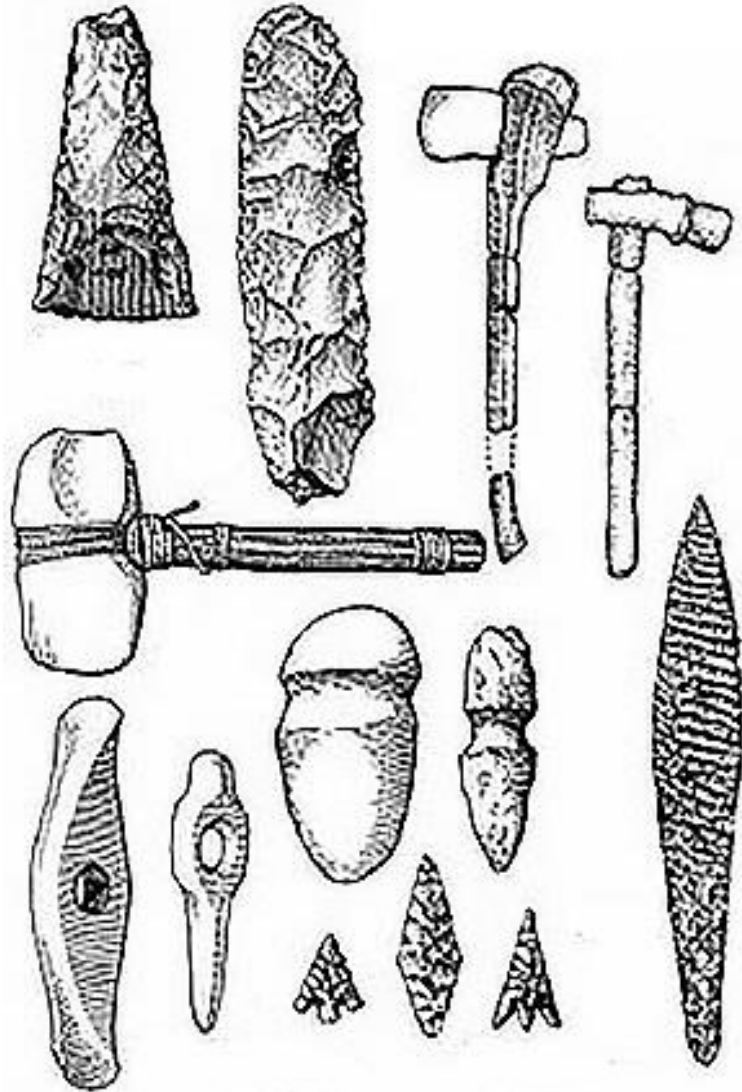
***Mathematician -Art Theorist***

***University of Western Macedonian***

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Why STEAM?

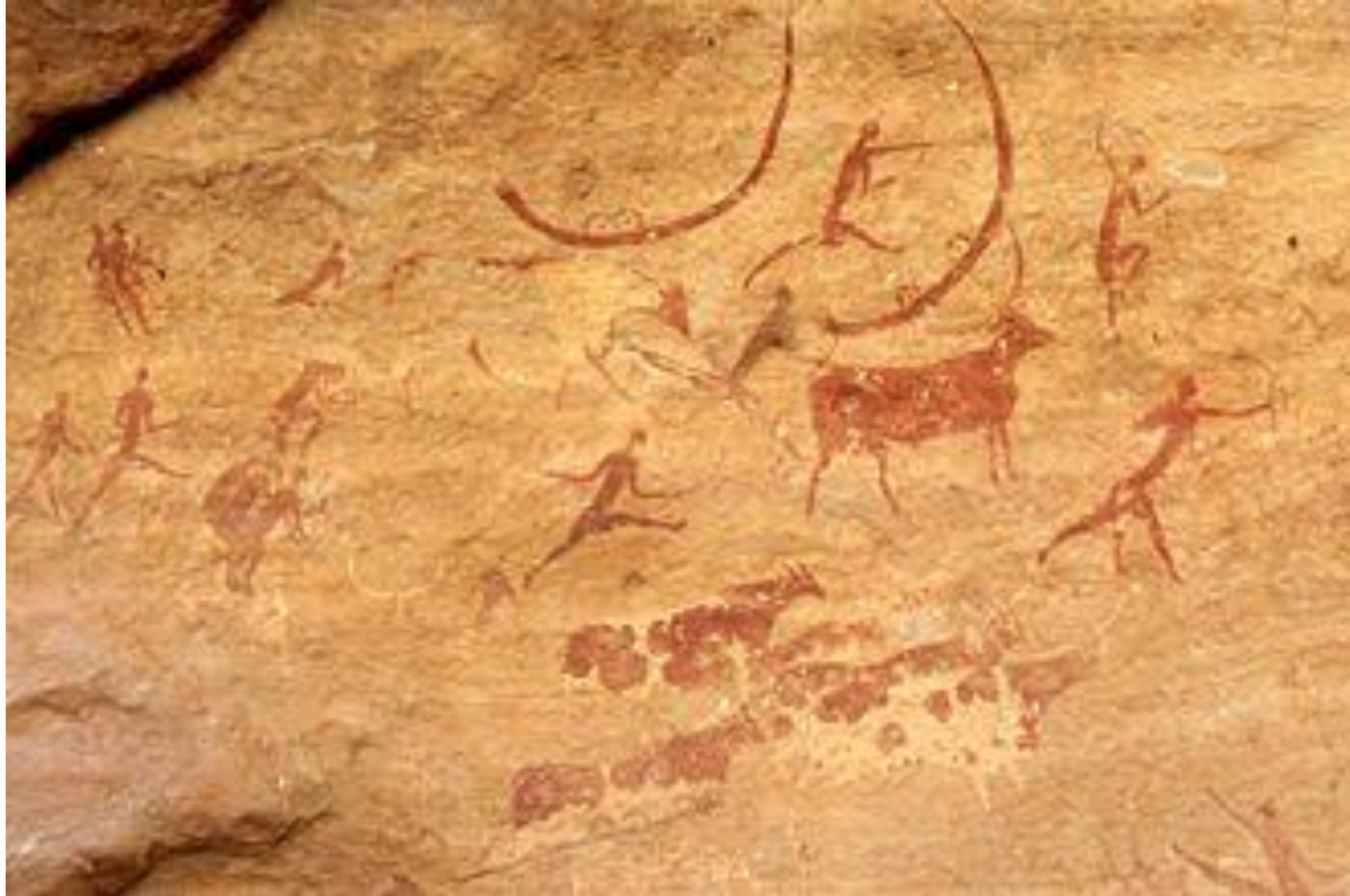
2.000.000 B. C.



1.000.000 B. C.



**400.000 B. C.**



33.000 B. C.



10.000 B. C.





5.000 B. C.



4500 B. C.



4.000 B. C.



3800 B. C.



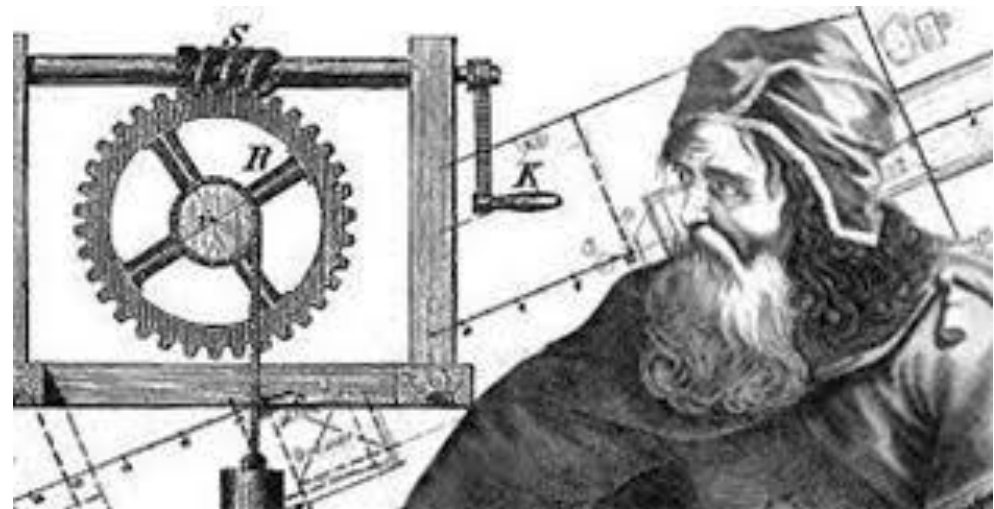
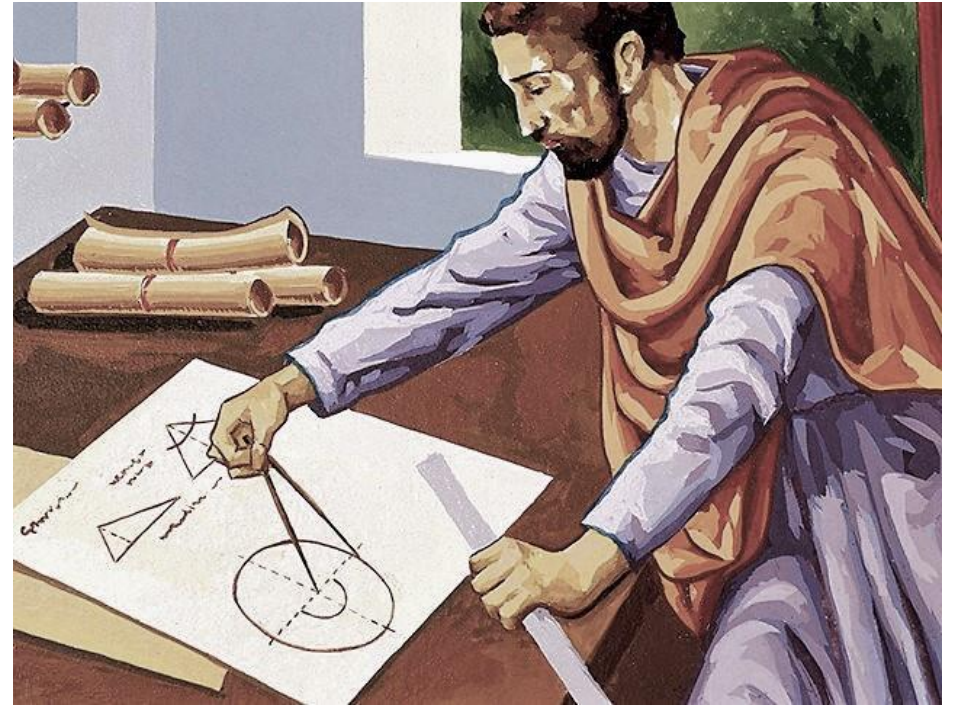
2.000 B. C.



**900 B. C.**



600 B. C.

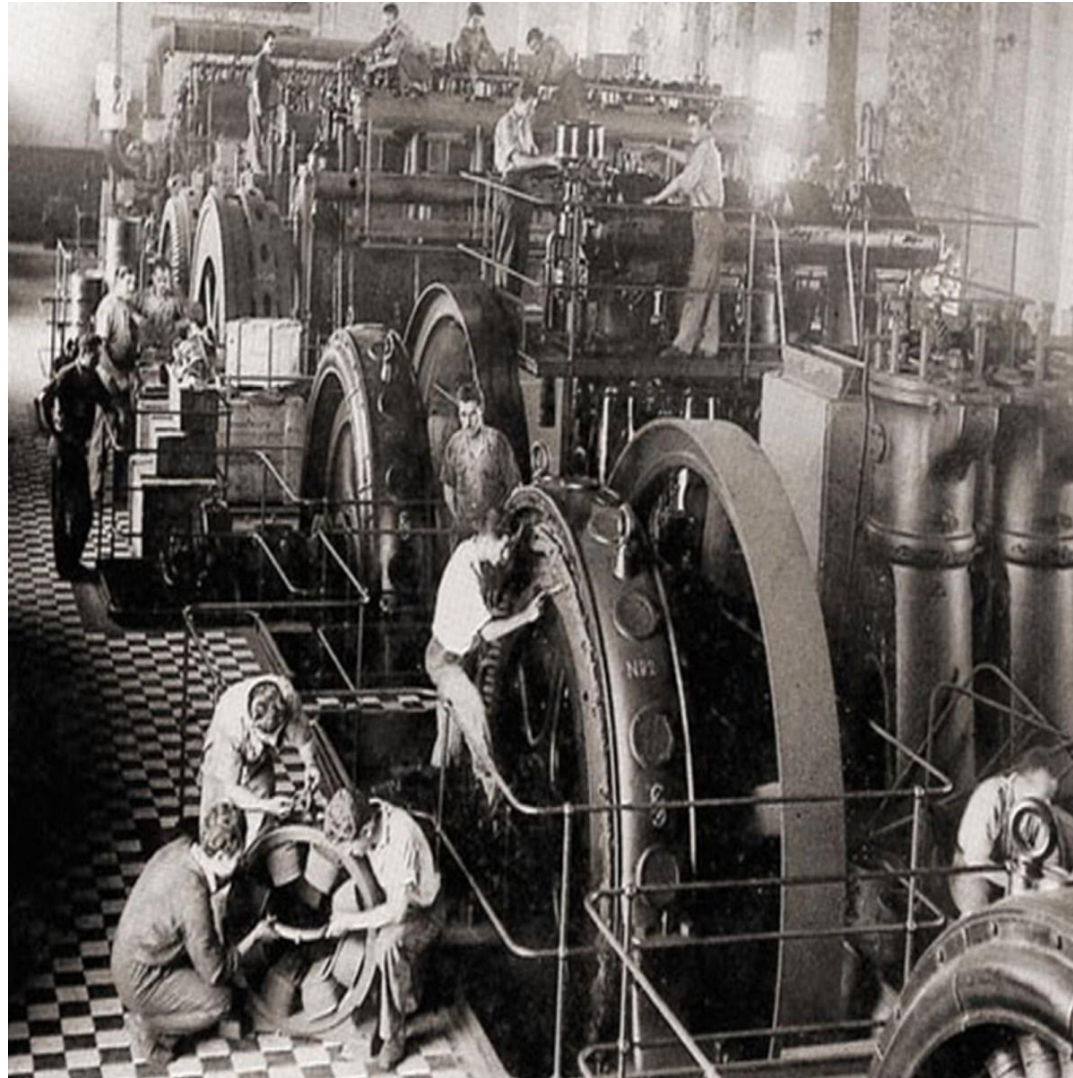


1<sup>st</sup> century B. C.





# 15<sup>th</sup> century



20<sup>05</sup> century B. C.



# The Future in Education

- **Science**
- **Technology**
- **Engineering**
- **Art**
- **Mathematics**