

International Conference The Future of Education Edition 15



# **The Eternal Technological Dream**

Exploring the origins and the connections of the technology underlying **Artificial Intelligence** from the artificial and fantastic creatures of Greek myth to the current myth of Artificial Intelligence (AI)

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## **Project Overview**

### **Explore** Greek Myths

Examine at least 2 Greek myths featuring "artificial" figures like Talos and Pandora



### Develop Collaborative Wall

Collaboratively build a Padlet tracking the project's stages

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**Apply AI Tools** 

Use generative AI to create profiles, images, and videos of mythical figures



### **Complete Eduescape**

Participate in team problem solving activity with microdebate



## Context



### **Target Audience**

Fourth year high school students



### **Subject Integration**

Combines Greek literature with civic education and digital citizenship



## **Time Frame**

5 hours total activity



## Approach

Active Learning, Flipped learning etc.



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### Assessment

PanQuiz and team eduescape

### **Documentation**

Complete project documented in a Padlet online





# **Learning Environment**

Technological ClasSroom

**Collaborative Methodology** 

**Blended Approach** 

In-class activities have been combined with preparatory homework and flipped learning materials



### Educational Sequence on AI and Greek Myths



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## **PADLET** The Eternal Technological Dream

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# **Integration of AI**







# **AI Integration Activities**

### **Text Generation**

Students will create profiles of mythical artificial beings, analyze the the accuracy of AI-generated content content against historical sources. sources.

### **Visual Creation**

Students generate images and short videos depicting figures, compare Al interpretations with traditional artistic representations.

### **Code Exploration**

Students examine what code an AI generator suggests for creating entities, develop instructions that would guide artificial figure's actions.











## **Ancient AI Parallels**





### Hephaestus (creator)

Divine craftsman who created autonomous beings

### **Talos**

Bronze automaton guardian of Crete programmed for specific specific tasks, created by by Hephaestus

### **Pandora**

Artificial woman with predetermined behaviour, first human woman crafted crafted by gods





### **Daedalus (creator)**

### Human craftsman

### (e.g. wax wings and labyrinth)

## **Educational Goals Pyramid**



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## **Timeline**

### **Preparation**

### Creation



6.5, 20.5

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# **Activity Structure**

Activity	Actors	Resources
All study resources	Teacher	Shared classroom classroom script
Padlet wall	Teacher and students	Documentation platform
Myth exploration	Student groups	Greek literature sources
Al content creation	Student groups	Generative AI tools
Assessment	All participants	PanQuiz and Eduescape



## AI Tools

Course materials	Al Studio Google			
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Talos: Il Gigente Di Sconco

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## Assessments







### **Eduescape - Team Debate**

### Educational Framework



### Active Involvement

Encourages student participation through gamification and diverse methodologies.

### **Methodologies**

Employs tested and satisfactory teaching methods for effective learning.

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# **Teaching Methodologies**







### Learning through play and competitive

Students explore content before



## **Project Outcomes**

### **Student Engagement**

The class showed high levels of interest and involvement throughout the project.

### **Knowledge Acquisition**

Students successfully responded to all stimuli, including the the PanQuiz assessment.

### **Critical Reflection**

Participants thoughtfully considered AI's potential, advantages, and limitations.

### **Problem Solving**

Particular enthusiasm emerged during the Eduescape Eduescape and final microdebate phases.





### **Escaping the Mythical Nightmare**









The adventures of the Inspector Notrueman

New episode

Mythical.... nightmare!

### **Eduescape Success Metrics**





### Knowledge

Students excelled in quiz, demonstrating strong knowledge base.



### Collaboration

Students effectively collaborated in the eduescape challenge.





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### Journey to AI Mastery



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becoming active participants in their

learning.

# Conclusions

### **Student Engagement**

High appreciation and active participation

### **Skill Development**

Enhanced creativity and critical thinking

### **Team Synergy**

Different learning styles working harmoniously

### **Future Hope**

Technology contributing to progress, not nightmares





## Resources



Greek literature textbooks, STEAM materials and various webapps linked in paper biblio-sitografy.





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## **Thank You!**