

# STEM VS STEAM

---

Gabriella Boaglio e Renata Berrino \_ Barcellona  
ottobre 2021

# BARCELONA

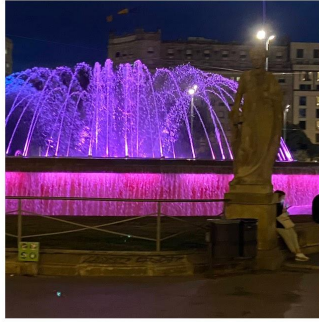
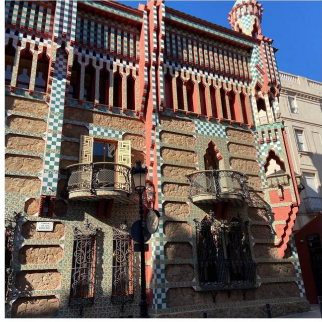
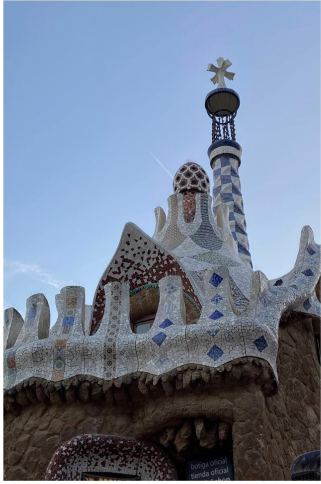
## October 18th\_24th

what a lovely place!!!

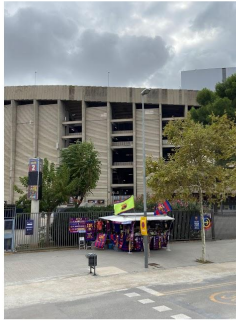
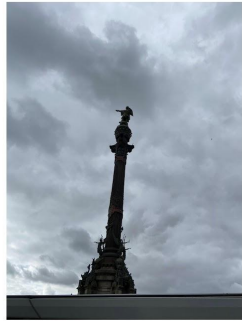
From STEM to STEAM Education: A New Learning Approach  
European Academy of Creativity, Barcelona



DAY 1



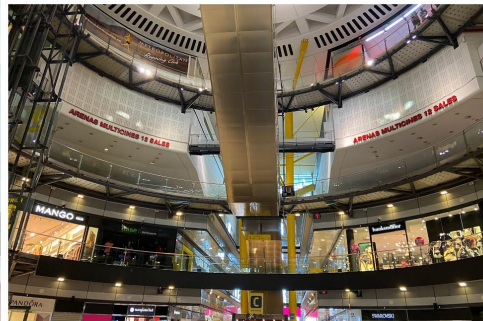
**DAY 2**



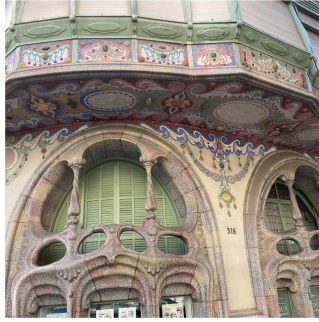
**DAY 3**



**DAY 4**



DAY 5



**DAY 6**



Che cosa  
intendiamo?

# STEM

tradizionalmente significa

- Science
  - Technology
  - Engineering
  - Math
-

# STEAM

aggiunge qualcosa che rende più  
facile l'approccio anche con  
studenti più giovani

- Science
  - Technology
  - Engineering
  - Art
  - Math
-

e se cambiassimo  
l'approccio?

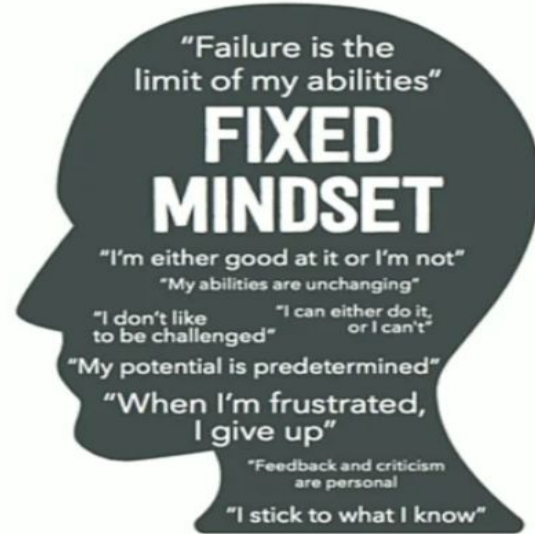
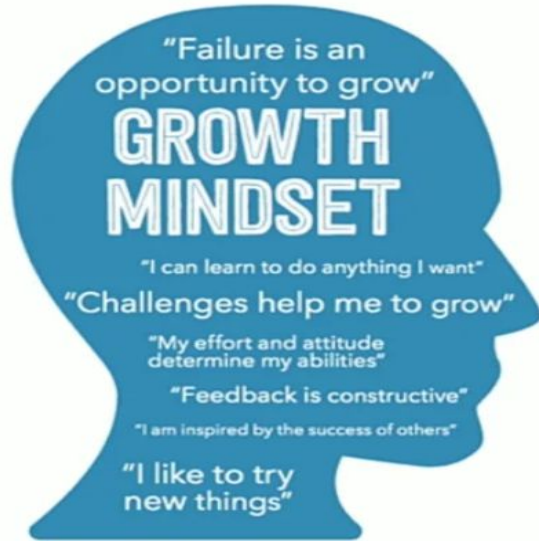
—

# STEAM

diventa anche

- Situational learning
  - Try new learning opportunities
  - Experiment
  - Activate creativity
  - Manage problems
-

# Fixed or growth mindset?



Un nuovo modo di  
apprendere e di  
insegnare...

# Gli esempi valgono più delle parole.....

<https://youtube.com/watch?v=UJSTNnRNL8o&feature=share>

<https://youtube.com/shorts/taq2GL27C-I?feature=share>





# Qualche spunto in più:

## STEAM Examples

- **Hands on**

- [A Makerspace For Teachers](#) lesson
- [Instructables 100 STEAM projects](#)
- [#steamlearning](#) on Instagram
- [Google Experiments](#)
- [Discovering Perspective with Van Gogh](#)
- [Murder Mystery Stories](#)

- **Inquiry Based**

- [Atlanta Snowstorm](#)

- [The Foil Challenge](#)

- [STEAM Community Studio in Canada](#)

- **Process Based**

- [Project-Based Learning in Dos Pueblos](#)

- **Broader STEAM projects**

- [Chi Siamo](#)

*Life is so much sweeter in Barcelona*



Grazie per l'attenzione