

(video “Astro Giulia.mp4” come introduzione)





“When I was in high school I was a disaster in math, which I understood absolutely nothing. But the difficulties in these subjects should not be a reason to stop and give up on your dreams”

Giulia Bassani  
@astro\_giulia





# Willkommen in dem Advan-CED Lab.



# Today we are going to see...

- \* How technology...  
... fits with school lessons
- \* How technology...  
... makes you think outside the box
- \* How technology...  
... can create a work environment



# Today's steps



## **Step 1 - It's astronomy class time!**

It's time to take a trip to the infinite of the space...  
welcome to Andromeda Galaxy!



## **Step 2 - Students meet VR**

Do you think that Virtual Reality is only for gaming?  
Well today I'm going to demonstrate the opposite!



## **Step 3 - What I've learned today?**

Feedbacks are the most important part of a project, feel  
free to share your thoughts about what we did today!



# Step 1 – It's astronomy class time!

It's time to take a trip to the infinte of the space...  
welcome to Andromeda Galaxy!

# Andromeda Galaxy

## The “identity card” of the galaxy

**Scientific name:** M31 (aka Messier 31)

**Galaxy type:** Gigant spiral

**Distance from Earth:** 2,5 milion light-years

**Diameter:** 220.000 light-years (twice as the Milky Way)

**Stars:** More than 1.000 bilion





# Andromeda Galaxy

## Fun facts

Curiosities and Importance of the Andromeda Galaxy

**The closest to the Milky Way**

**Future Fusion**

**Visible to the naked eye**

# Andromeda Galaxy

<https://stellarium-web.org/>



# Step 2 – Students meet VR

Do you think that Virtual Reality is only for gaming?  
Well today I'm going to demonstrate the opposite!

# VR is not only for gaming!

## The sky is the limit

Do you remember the first time you saw the sky full of stars? Well today we learned that a galaxy is a collection of stars, and now it's time to see them!





# Step 3 – What I’ve learned today?

Feedbacks are the most important part of a project, feel free to share your thoughts about what we did today!

# About today's activity...

## What do you think?

Feedbacks are the most important part of a project, feel free to share your thoughts about what we did today!



# Danke schön!

**“Fantasie ist wichtiger als Wissen, denn Wissen ist begrenzt”**

Albert Einstein

\* dal Tedesco: ***“L’immaginazione è più importante della conoscenza perché la conoscenza è limitata”***