



CODE YOUR  
FUTURE



TÜRKİYE ULUSAL AJANSI  
TURKISH NATIONAL AGENCY



Co-funded by the  
Erasmus+ Programme  
of the European Union

Training Programme

# Introduction to programming. Creating our virtual world in VR and AR





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# MY GEOMETRIC HERO

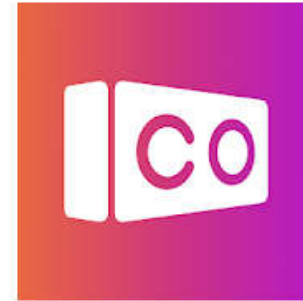
DAY 4

VR vs. AR  
Equipment  
and Easiness



**IF** the light is red,  
**THEN** stop!

**IF** the light is green,  
**THEN** go!



CoSpaces Edu

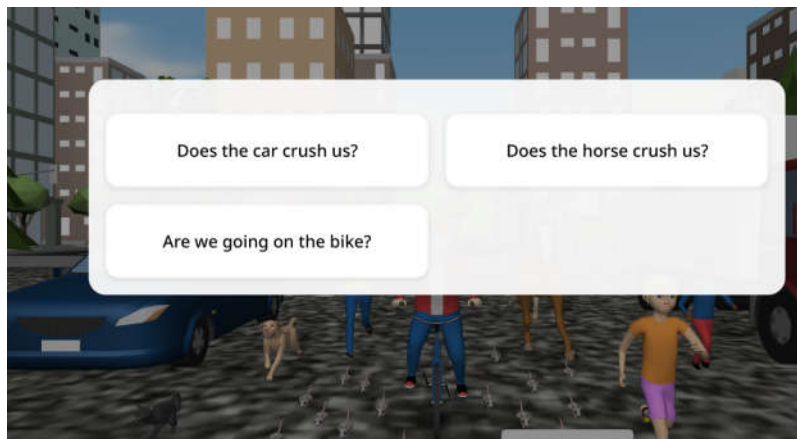
Delightex GmbH Education

**E** Everyone

 Add to Wishlist

# WHAT WE DID YESTERDAY?

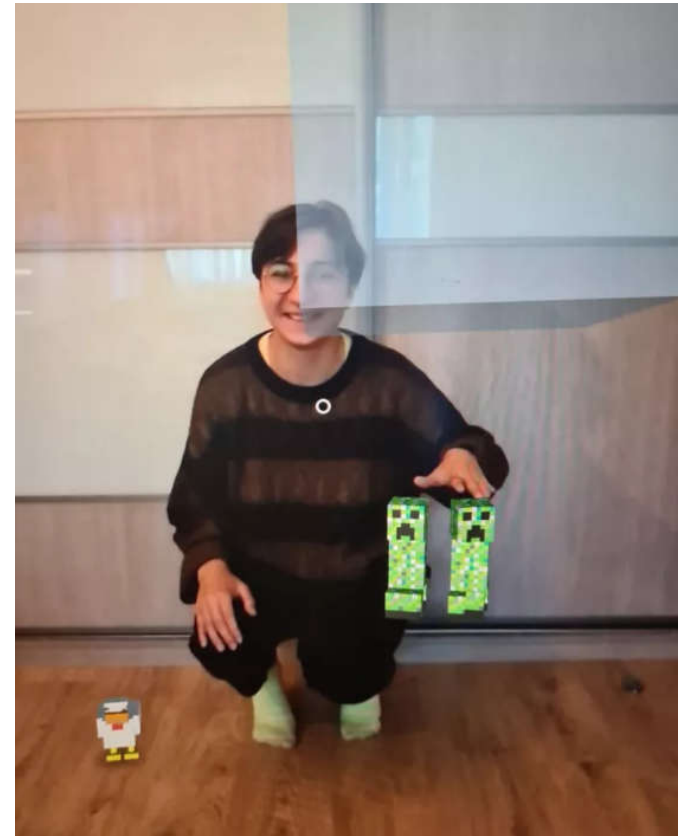
Our first virtual world

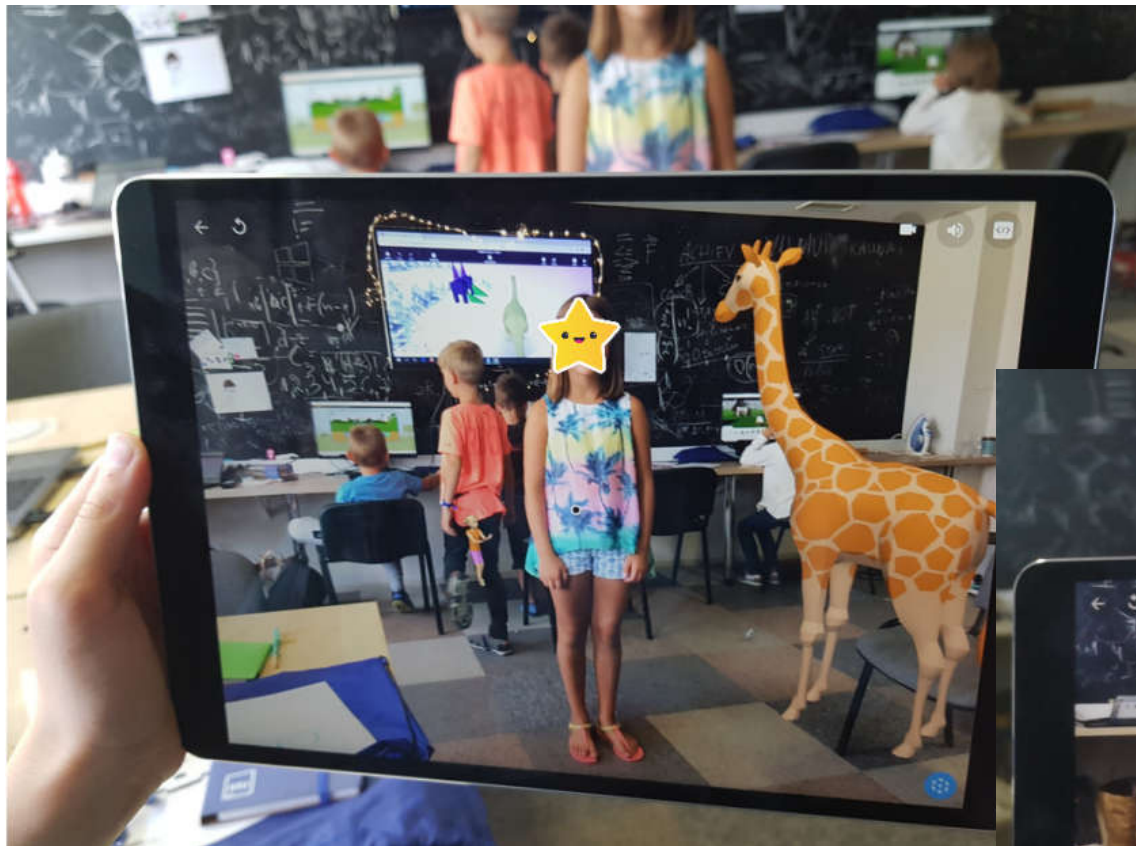




Hm...

Let it be!





Add your opinion of today lesson. You can add a printscreen/photo of your project reviewed in AR or else.



8

3 comments

Anonymous 16h  
Fatma Dönmez 🙌🙌🙌

Anonymous 16h  
Harika 🙌🙌🙌

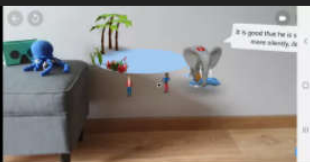
Anonymous 14h  
<https://edu.cospaces.io/HMC-XUY>

Add comment

Sardarescu Carmen 16h

Carmen from Romania

I liked to know about conditionals



1

Add comment

Richiteanu Gina-Eugenia 17h

Let It Be!!!



3

1 comment

Neringa Kelpsaite 1m  
You have your Grinch on the table! :)

Add comment

Enrique Picón 17h

Very interesting!! I am sure that it is a very functional tool

Stanca Alina RO

Very interesting!! Thank you.

1

Add comment

Anonymous 17h

Interesting and functional in app

<https://edu.cospaces.io/SLW-BMR>



1

Add comment

Anonymous 17h



I love this app

i think cospaces is a very interesting and practical app. I will work with it in class next year.



2

Add comment

Anonymous 17h

my project

Can you get out of the maze?



CoSpaces Edu :: Laberinto  
¿Podrás salir del laberinto?

find the treasure

<https://edu.cospaces.io/GQS-YAW>



4

Add comment

Anonymous 17h

So interesting! Nice to see the characters on my floor!



3

Hola Comunidad 3D

Interesante la propuesta de CoSpace y todas las plataformas que hemos aprendido en esta semana. Gracias Clara, Rimante, Neringa, Enrique y todos los que han hecho posible este espacio de aprendizaje.



1

2 comments

Neringa Kelpsaite 12h  
Translation: "The CoSpace proposal and all the platforms that we have learned this week are interesting. Thank you Clara, Rimante, Neringa, Enrique and all those who have made this learning space possible."

Neringa Kelpsaite 12h  
Thank you very much!

Add comment

dogaru aura 16h

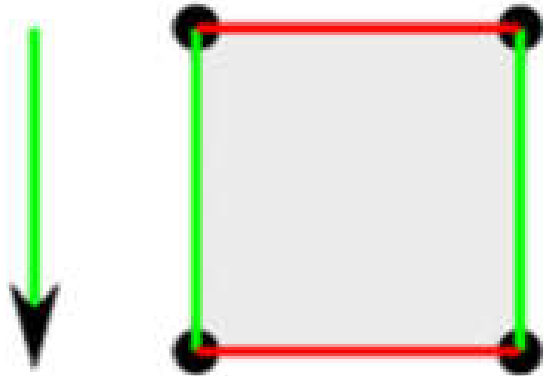
# 2D VS 3D

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# 2D

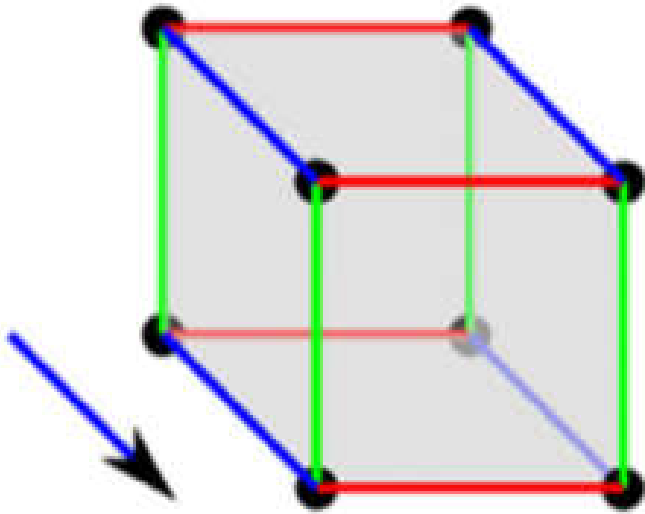
## Square



## 2D (two dimensions)

- 2-dimensional (2D) shapes have only two dimensions, length and width. They can be drawn on a piece of paper

# 3D Cube



## 3D (three dimensions)

- In geometry, a 3-dimensional shape can be defined as a solid figure or an object or shape that has three dimensions – length, width and height.

# 2D VS 3D

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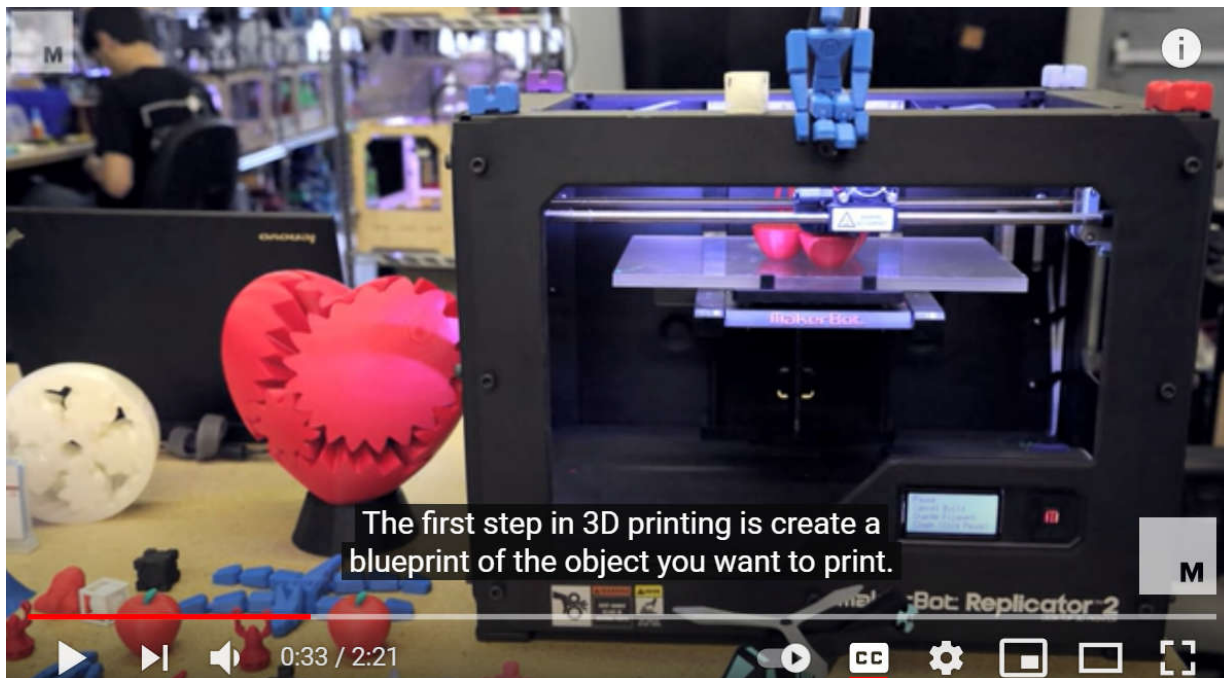


# 2D VS 3D

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# 3D PRINTING



<https://www.youtube.com/watch?v=Vx0Z6LplaMU>

# 3D Modeling

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- 3D modeling is a technique in computer graphics for producing a 3D digital representation of any object or surface.
- 3D models are used for a variety of fields: like video games, movies, architecture, illustration, etc.

# 3D PRINTING IN EDUCATION

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- Not just in business and laboratories
- Also in schools, libraries, homes



[http://kvitrina.lt/3-d-spausdintuvas-tai-kelias-i-motyvacija-mokymosi-procese/#prettyphoto\[post\\_gallery\]/0/](http://kvitrina.lt/3-d-spausdintuvas-tai-kelias-i-motyvacija-mokymosi-procese/#prettyphoto[post_gallery]/0/)



<https://amb.lt/lt/naujienos/bibliotekoie-3d-spausdintavu-spausdinamos-apsaugos-priemones-medikams/1876>

# PROGRAM 3D FOR KIDS

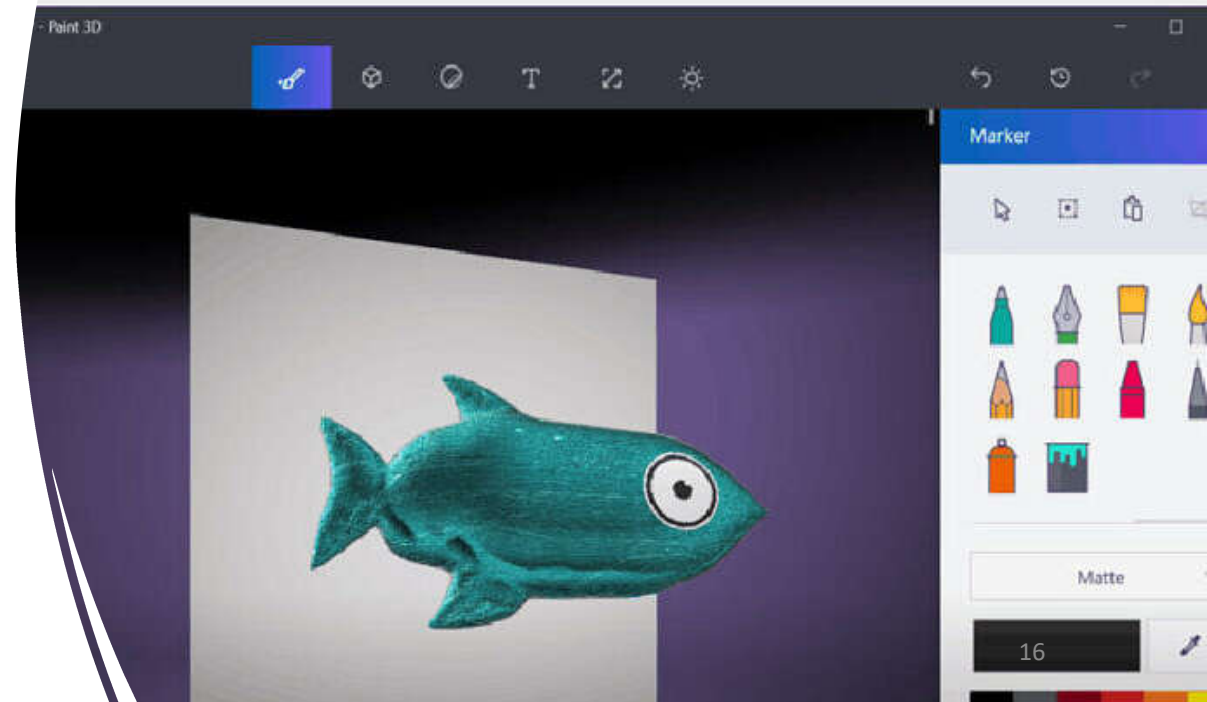
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## PAINT 3D

[Windows 10 – installed automatically with Windows](#)



# Paint3D®



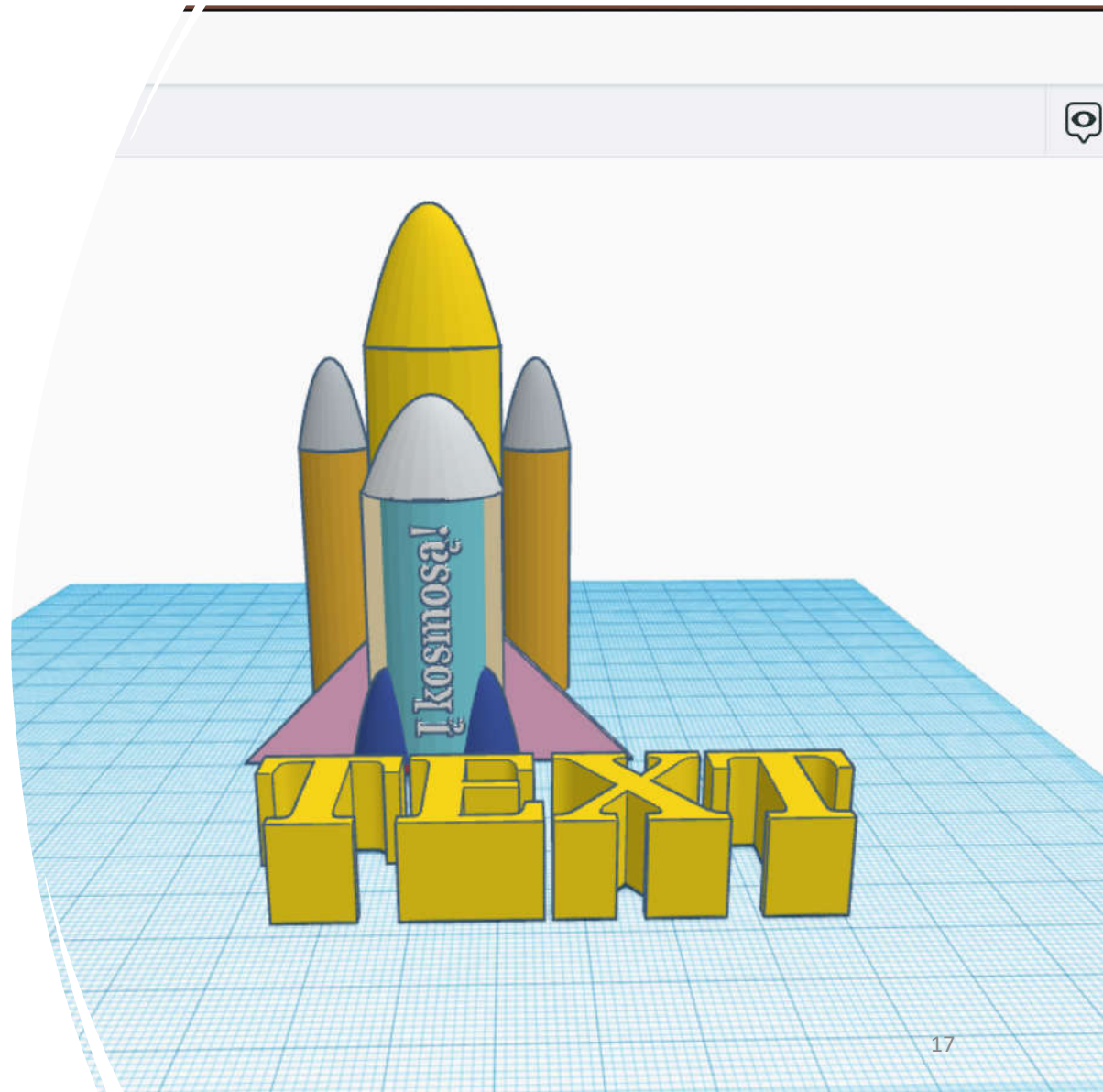


# PROGRAM 3D FOR KIDS

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Thinkercad

<https://www.tinkercad.com/dashboard>



# PROGRAM 3D FOR KIDS

Sketchup

<https://www.sketchup.com/>

