CAD

- CAD vs graphic design
- Starting with tinkerCAD
- Production methods
- Working with onShape
- What more
CAD vs graphic design

- CAD was born from simple drawings
- Goal: accuracy and production oriented
CAD vs graphic design

- Graphic design was made for movies, games and art
- Goal: looking good, easy to animation and let artistic freedom
And right between - TinkerCAD

- Really simple interface
- Main principle: adding and cutting with simple geometric shapes
CAD oriented by production
Production methods
Production methods

- Lathe
- Milling - lazer/water jet
- Molding and casting (heat/force/injection)
- By hand
- 3D printing
- Bending
lathe

https://www.youtube.com/watch?v=5tCZRXfz5jA

https://www.youtube.com/watch?v=Za0t2Rfjewg&t=232s
milling

https://www.youtube.com/watch?v=9rlwyGOPb0o
Lets go CADing

Loft  Sweep  Revolve
Assembly, drawing and more
תודה רבה!