# A HOLOtta fun with star clusters: Learning about star formation using 3D holograms

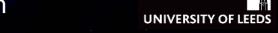






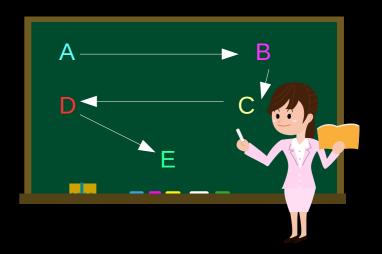






# Workshop Outline

- Why Holograms?
- The story of Star Formation
- How do the holograms work?
- Make your own!
- Feedback and discussion







1. Powerful, innovative approach to explain complex topics



1. Powerful, innovative approach to explain complex topics

2. Inherently inspiring, engaging and capture imaginations

#### - Pros

- Great visual learning tool
- Aids explanation of complex topic
- Allows students to see objects in 3D
  e.g. organ (Anatomy), sculpture (Art), planet (Astronomy) etc.
- Can show static hologram, or its evolution
- Memorable
- Simple and cheap to make (can be generated on smartphones)



#### - Cons

X Some time needed to make the holograms & devices

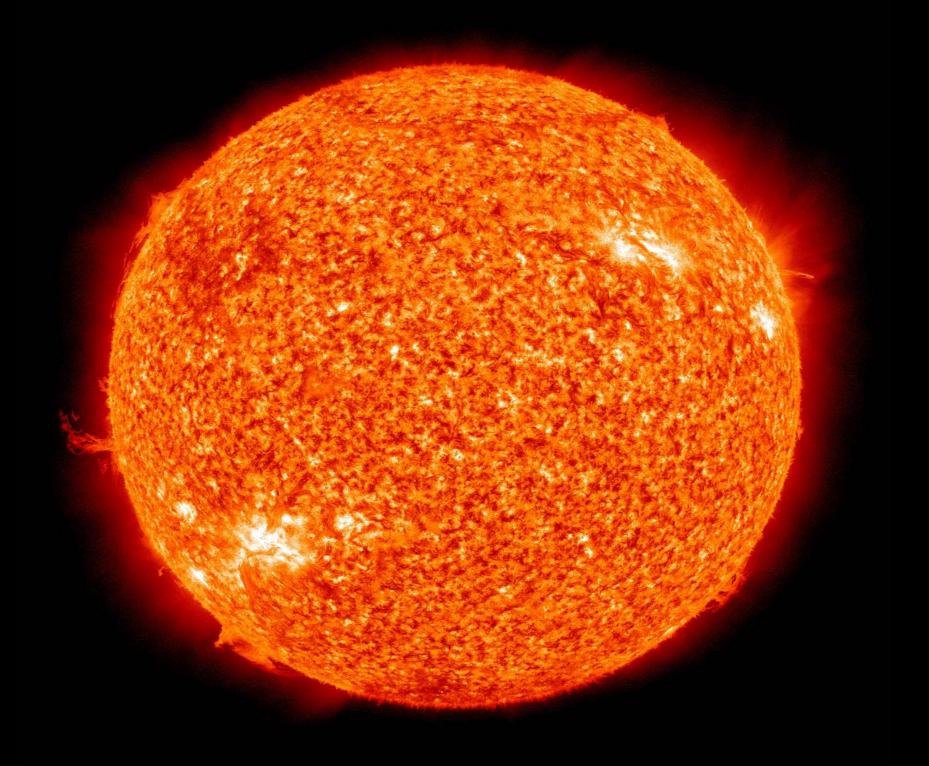
X Storage (large hologram devices)

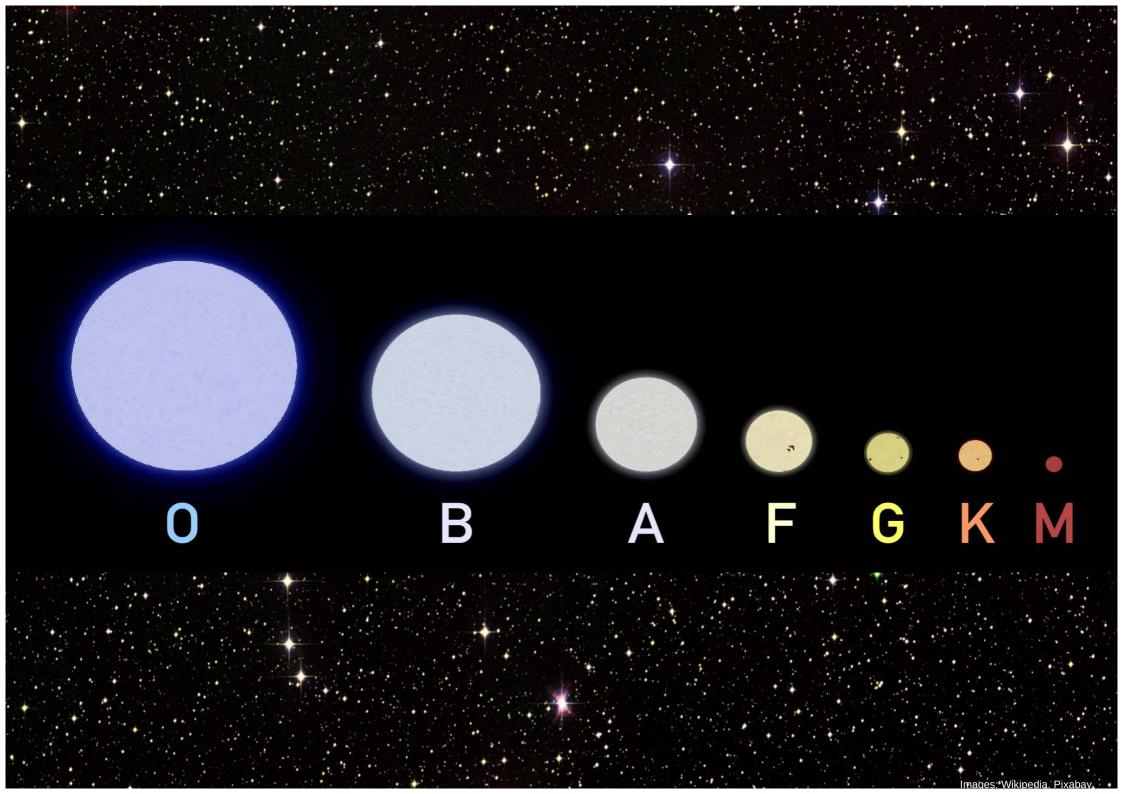


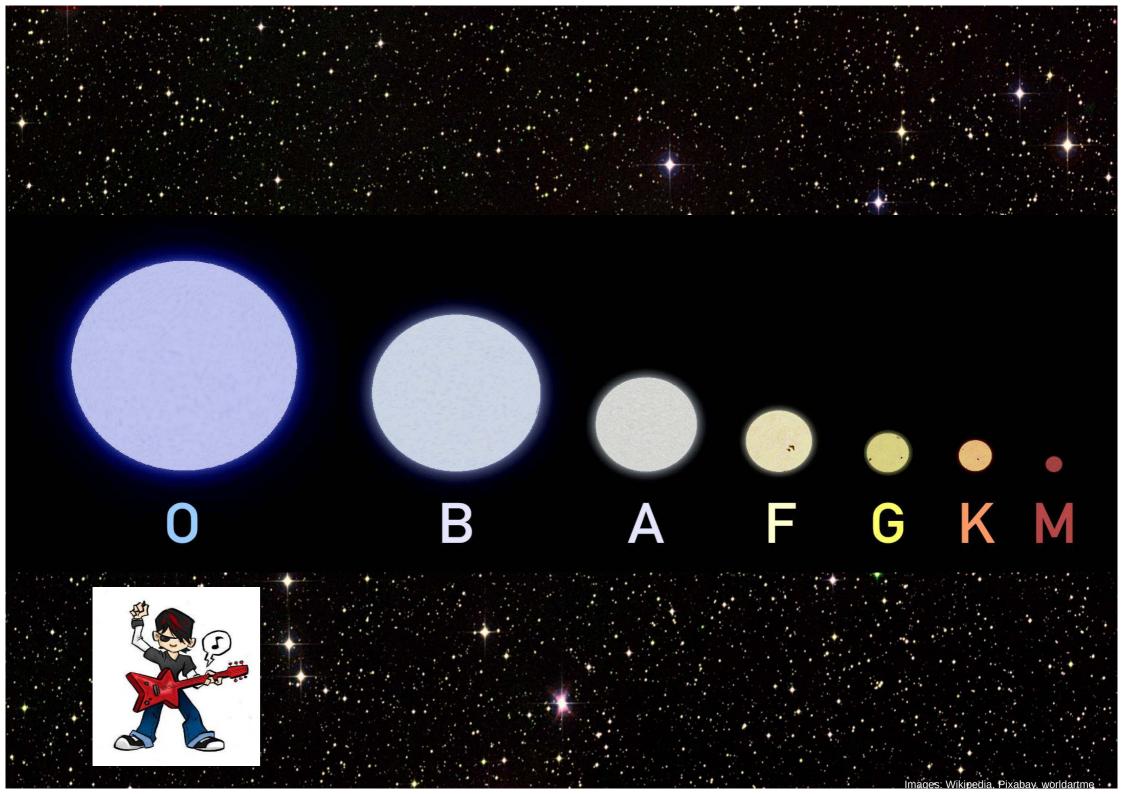
## The Story of Star Formation

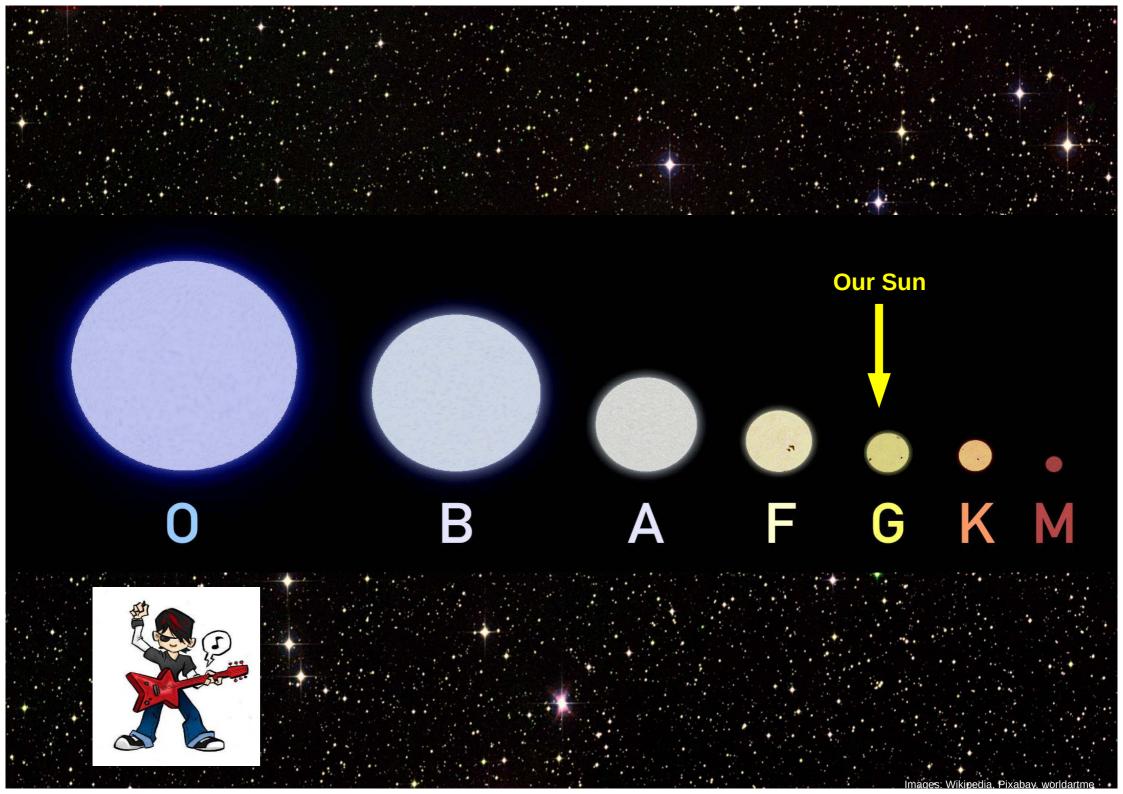
# What are Stars?

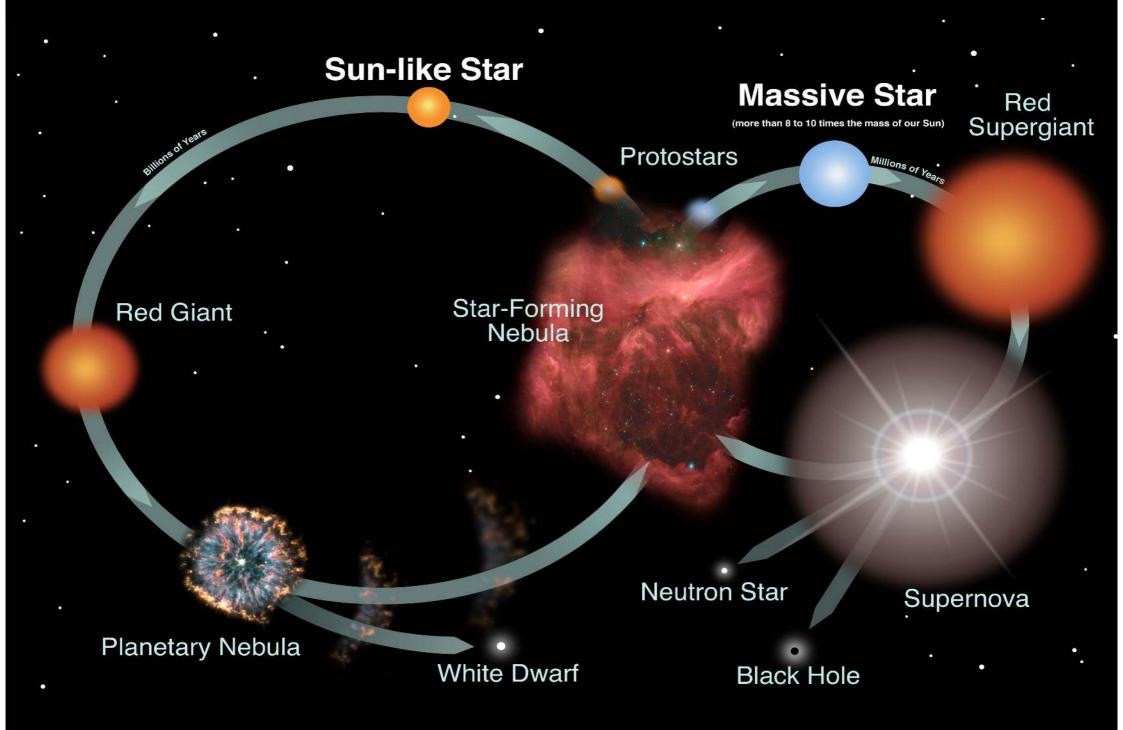


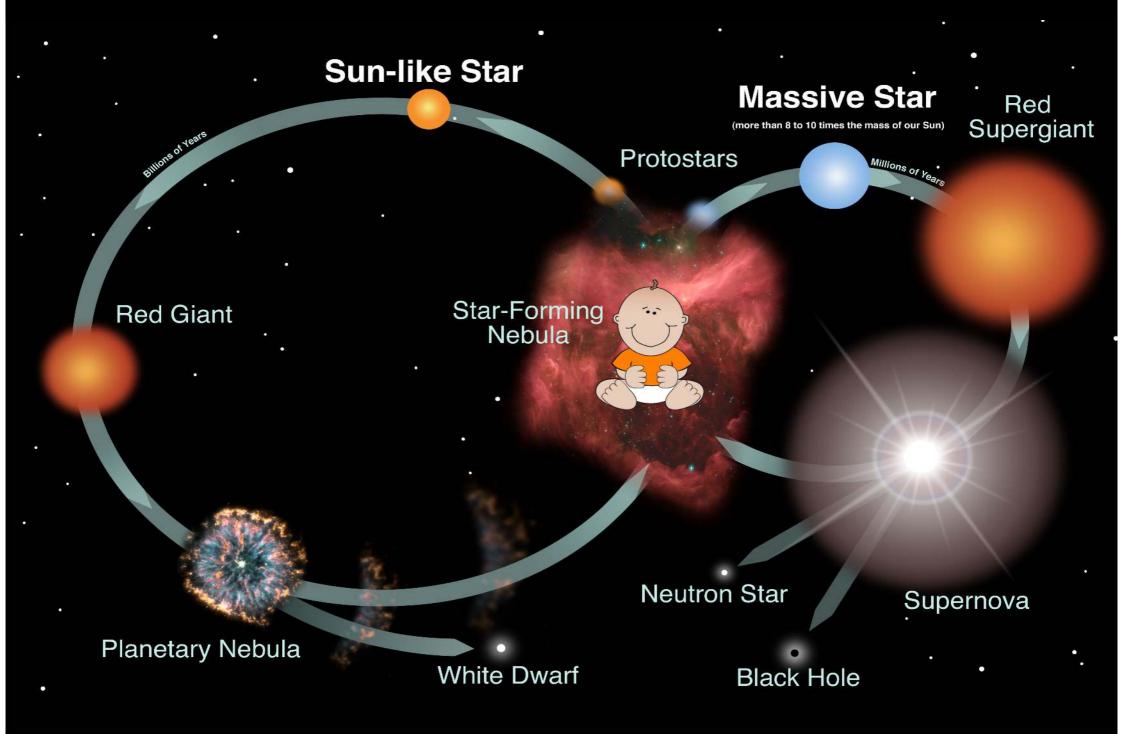




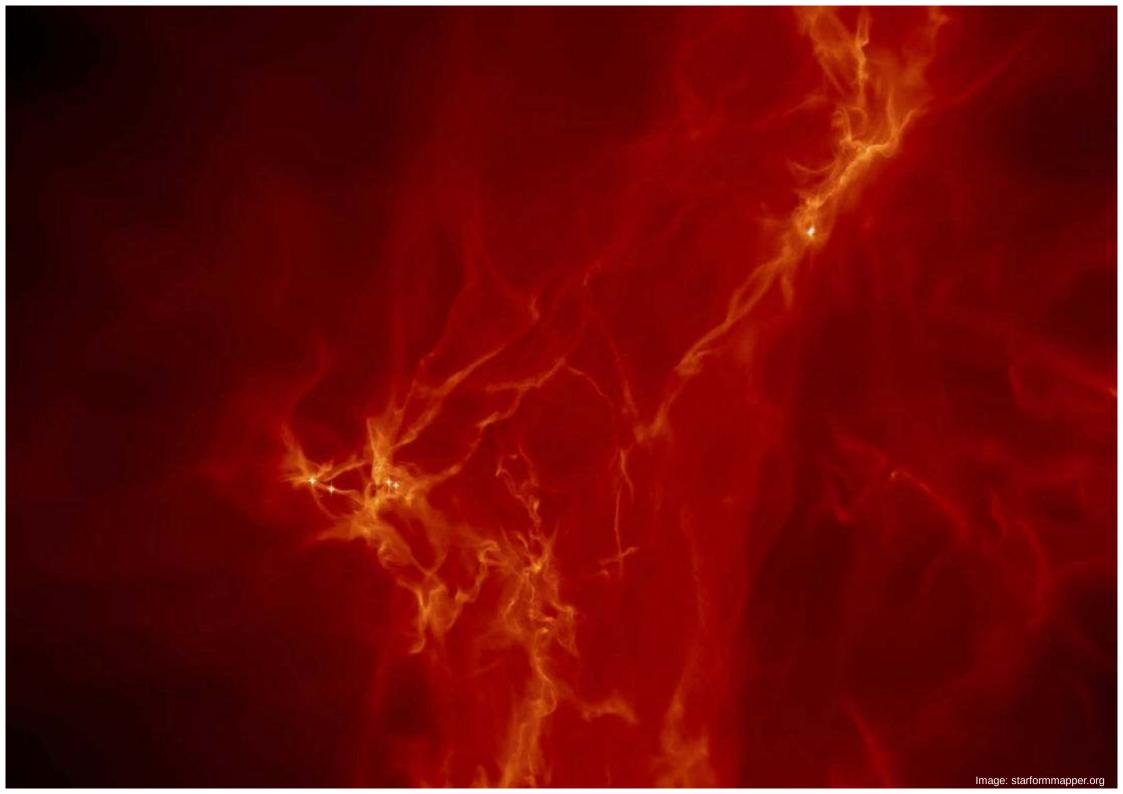








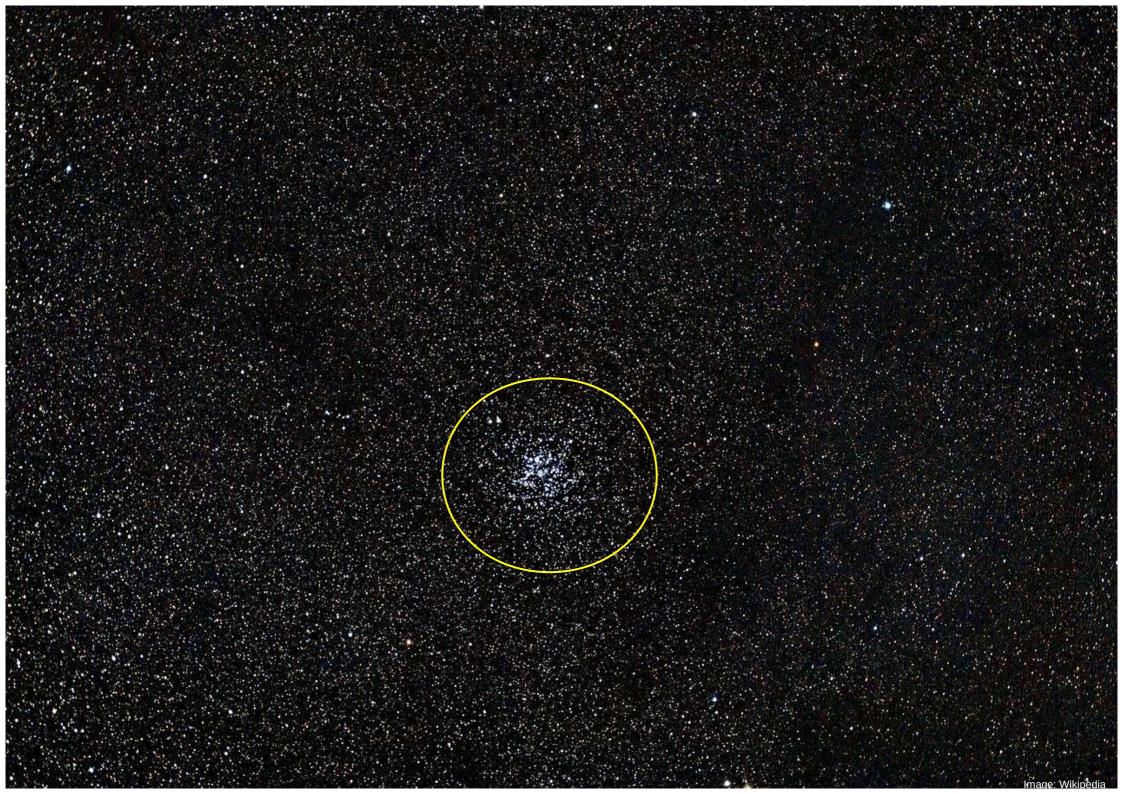


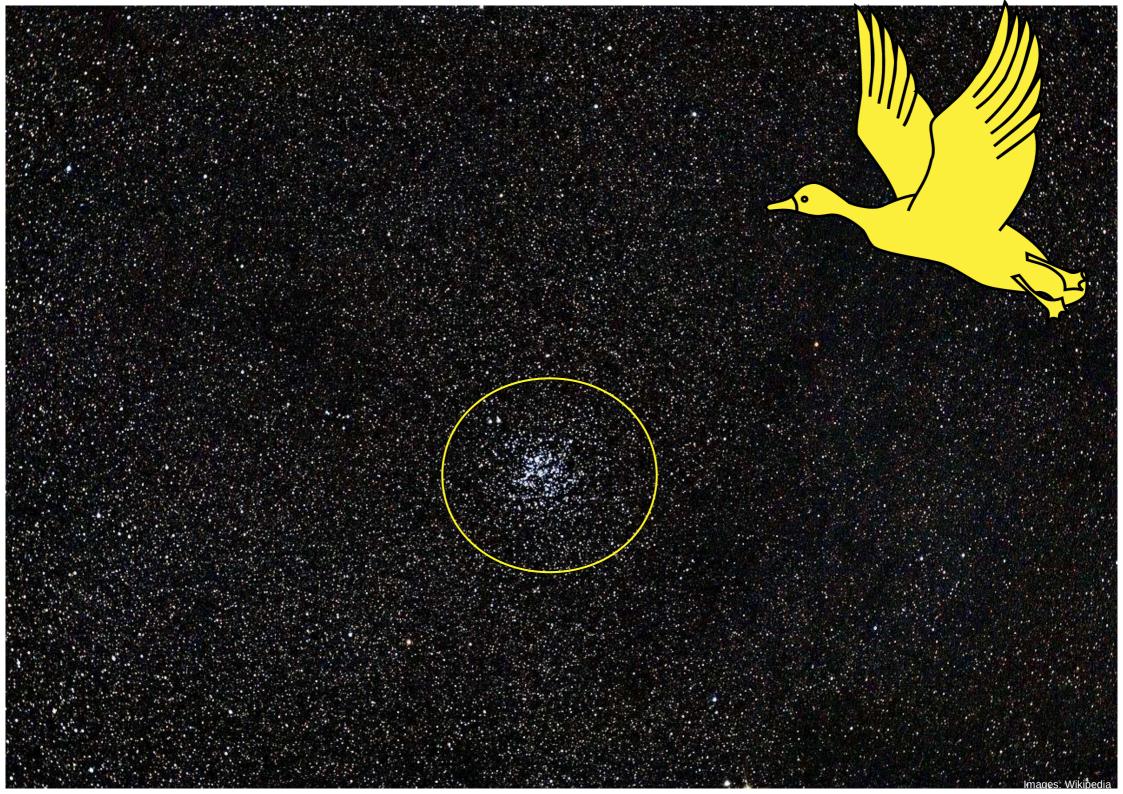




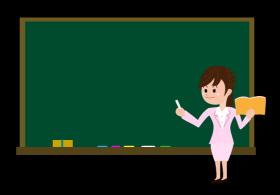


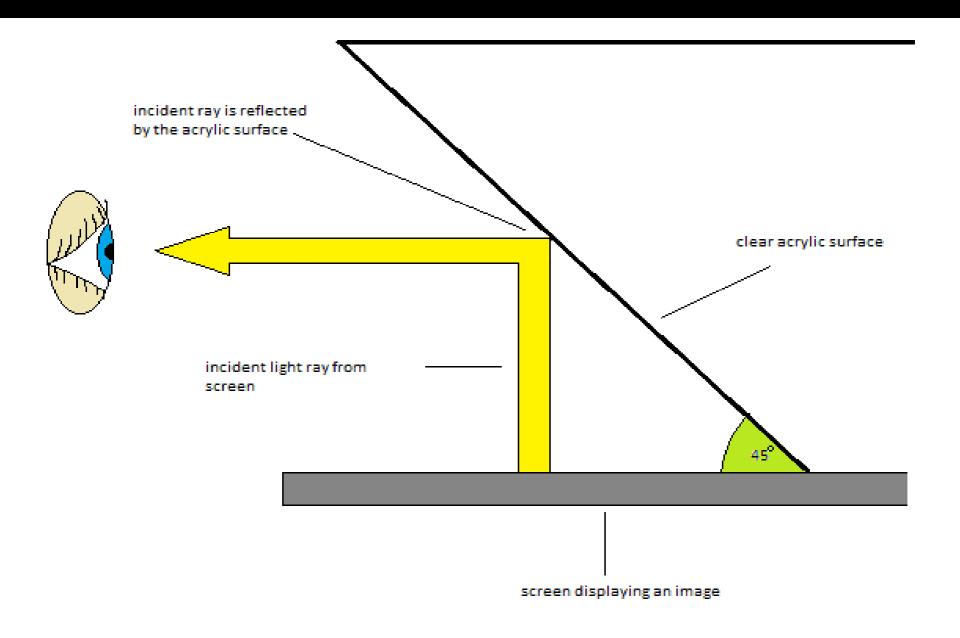
<u>mages: NASA, Wikipedi</u>





# How do the holograms work?





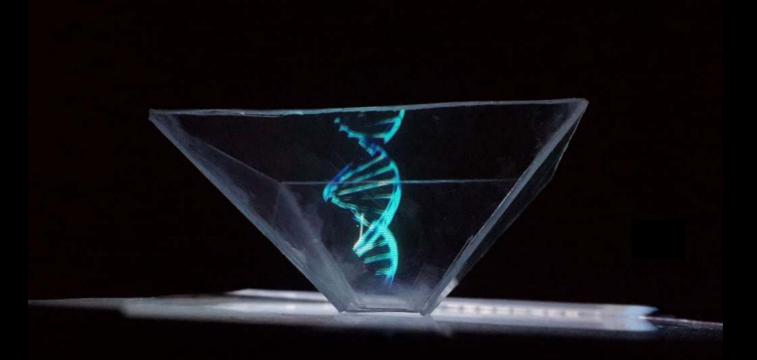
# Make your own!

## **Feedback and Discussion**



# More Info?

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Or visit: https://starformmapper.org/