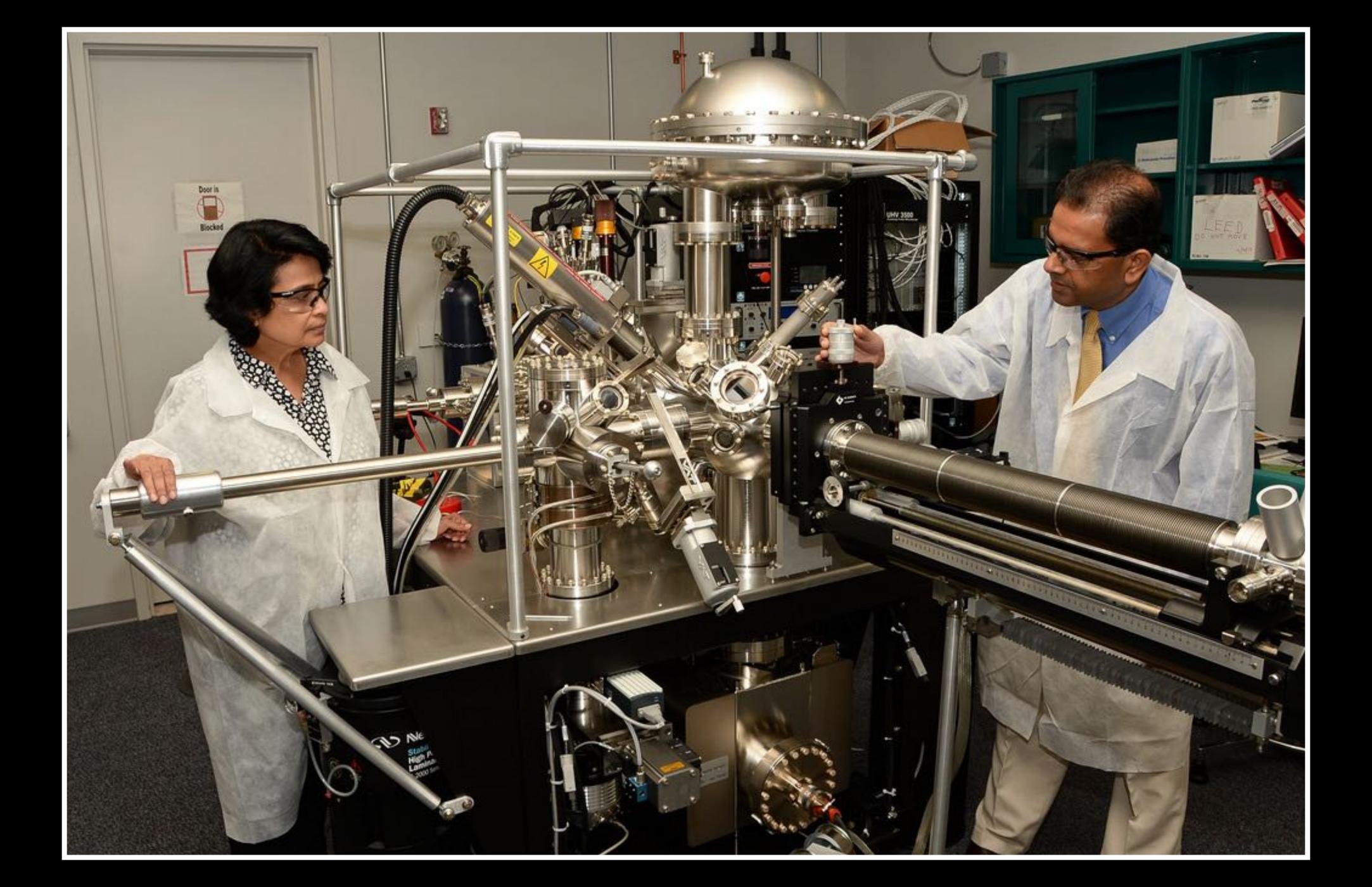
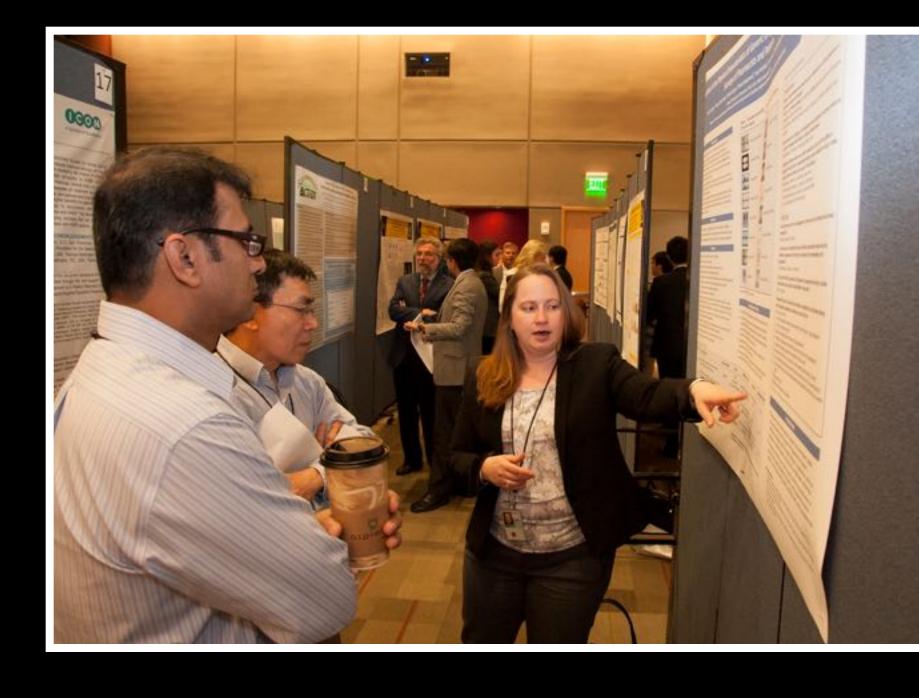
## Grade 5

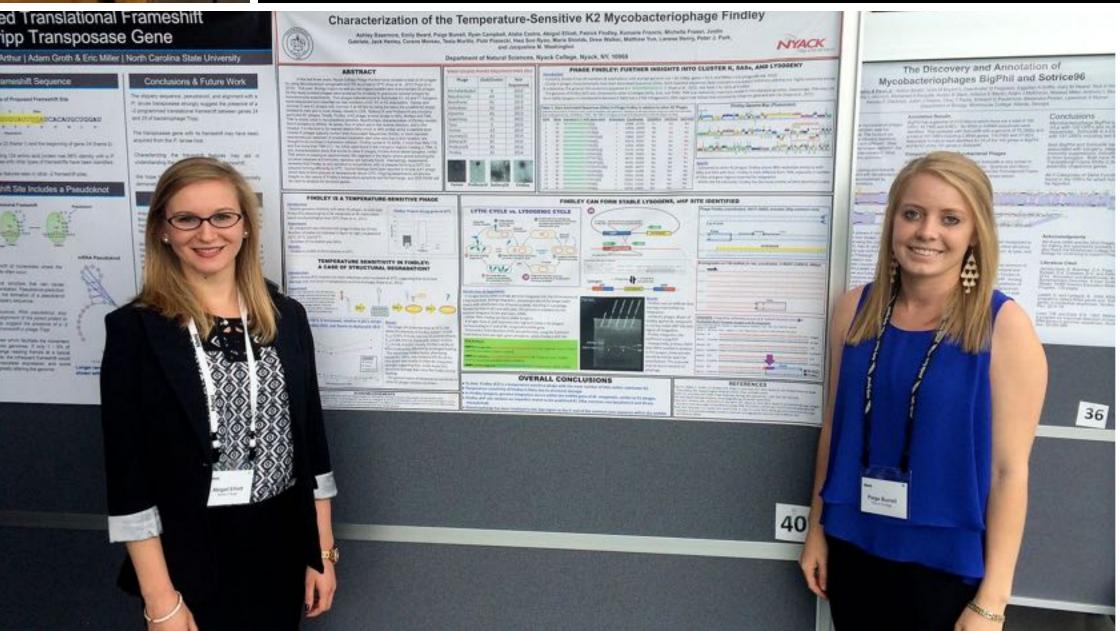
## Science













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Introduction

# Evidence - Observe - Measure

Phage	(Sub)Cluster	Year Sequenced
MichelleMyBell	N	2012
BabyRatchet	A3	2013
BeesKnees	A1	2013
DaHudson	A3.	2013
Dynamia -	A1	2013
SuperGrey	F1	2013
Tuco	E	2013
Fameo	A2	2014
Journey13	A2	2014
BatteryCK	81	2014
ProfessorK	81	2014
Findley	12	2014

### K subclusters, the general SAS consensus sequence is \$1.0000AXAGGACCCC-3' (Pope et al., 201) - The genome of Findley (K2) was compared to other K2 phages (Milly, Zoo), and TM4). TM4 is a ble 1. Start Associated Sequences (SASs) in Phage Findley in relation to other K2 Phage COUNTABILITY OF THE PERSON OF DOSASKISKAZIONERODO DESCRIPTION OF THE PROPERTY OF 33054:33066 MOGRITHOLINGSPEACHTS RH26-JULKE 12190 31003 SHEARWHIA BOOKETYSTINGS 18177 186584 SOCIONA DE LA CONTRADA DE LA CONTRAD 44030 44354 DOGATINO GALLECCICCEGALAACASS COLUMBIA DE CADENAMS DOGASADIGA ET ET MEDICALA ASS 51534-S154E \$523E 3524E

PHAGE FINDLEY: FURTHER INSIGHTS INTO

Currently, Cluster K has 48 members (6 subclusters), with average persone size × 60,148bp, pt

Cluster K phages characteristically have Start Associated Sequences (SASs, short repeated seq

### **FINDLEY IS A TEMPERATUR**

reshoction respite genome similarity with other K1 phages, no wild by siya (K1) ploques grow in M. amegmetis or M. duberculosis was incubated higher than 3.0°C (Prope et al., 2001).

### pariment.

A amepmetic was infected with phage lindley for 15 min. umber of planes [n] indicated in figure on right, inculated at Inc., 37°C, and 43°C.

Duration of incubation was billion.

### SWEET,

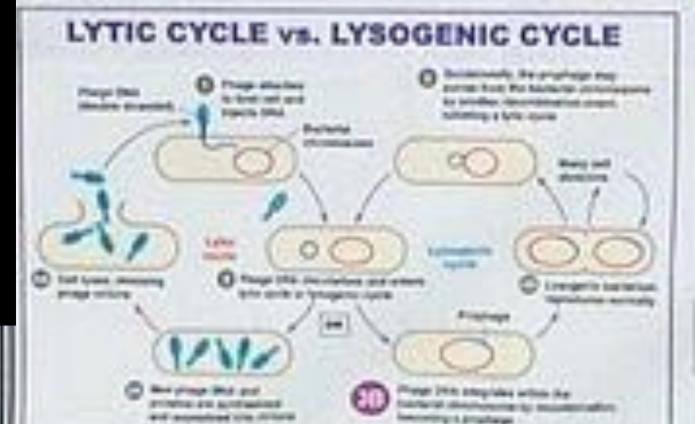
finding is unable to hern plaques at 42°C.

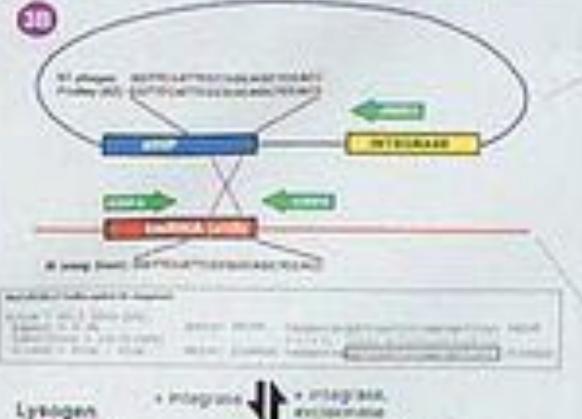
A CASE OF STRUCTURAL DEGRADATION?

Finding: Plaques do not grow at 42°C

### treduction

Some Analysi (KS) mutariti can retain infectivity when incubated at 37°C, suggesting that structural amage may not your in temperature sensitive K phages (Pope et al., 2011).







Engaging in

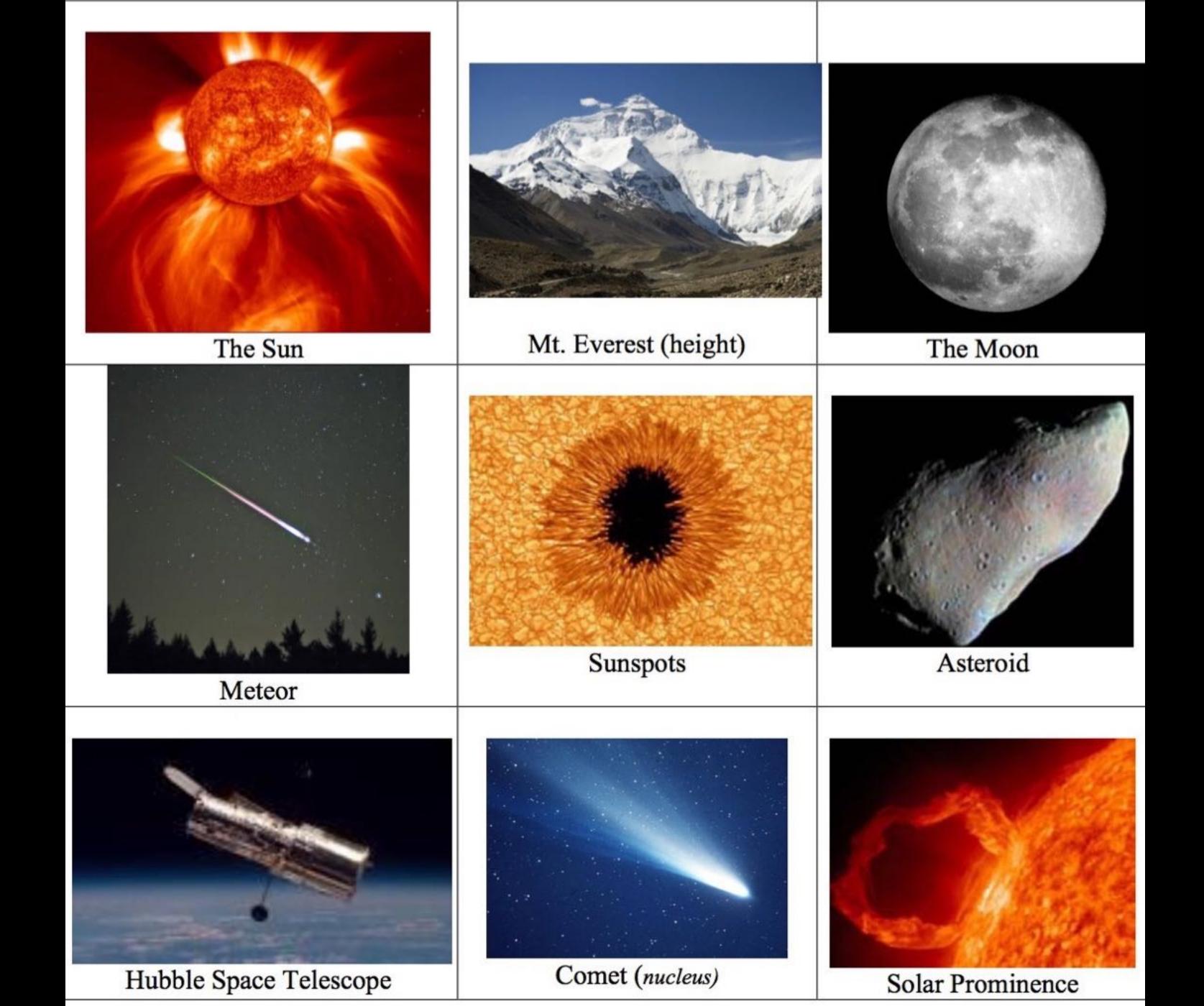
Argument
from Evidence



Earth's Place in the Universe



Scale Proportion Quantity



## Question

### Question

Claim

Answer





### Evidence

Data

Evidence

Data

Question:

The Question?

Our Claim:

Statement responding to the question.

### Our Evidence:

Provide scientific data supporting your claim.

- Data
- Data
- Data

### Our Reasoning:

Logic connecting your evidence to your claim.



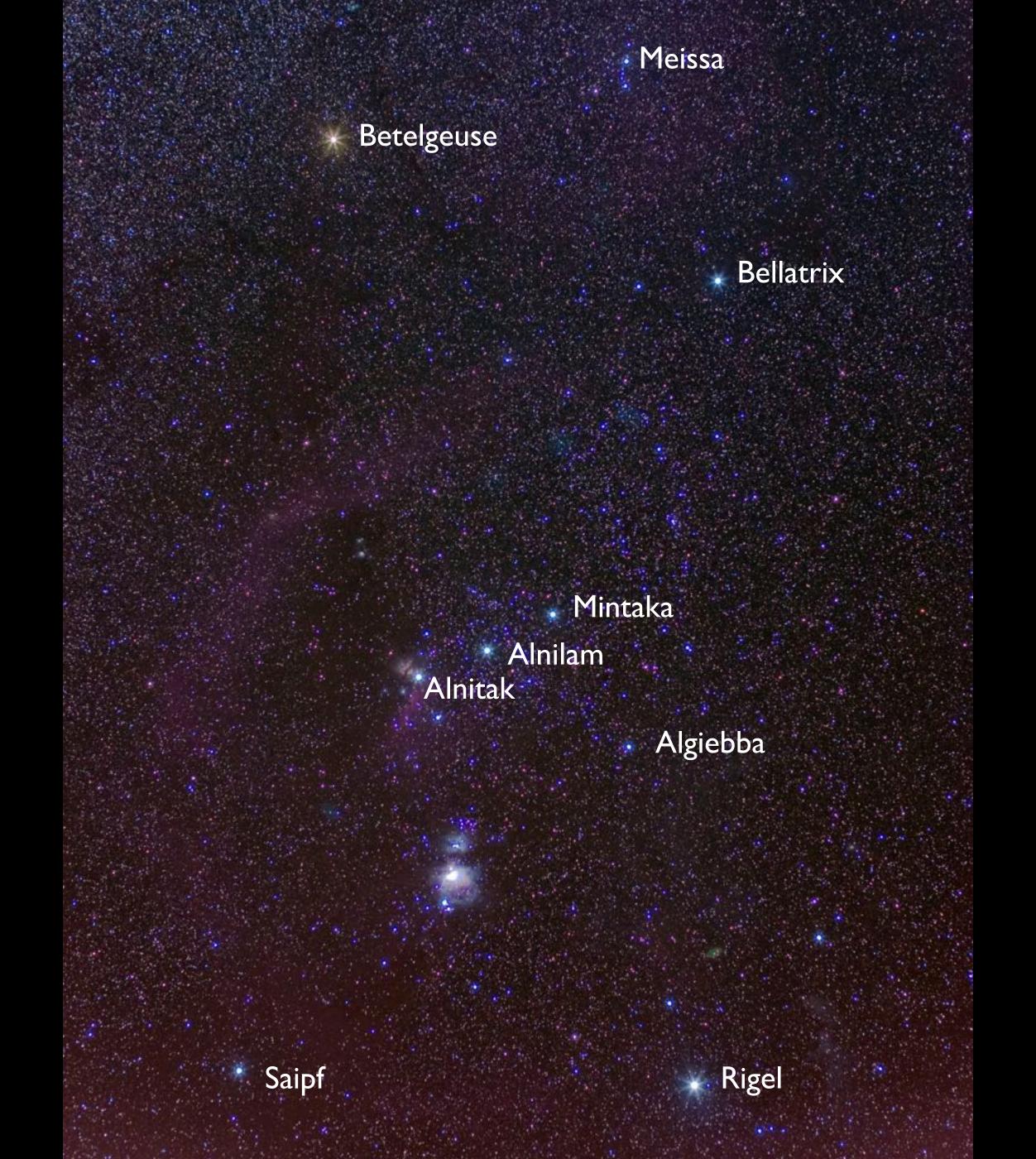


Rank the objects from tallest to shortest.



Rank the objects from tallest to shortest.

Bellatrix	243
Betelgeuse	429
Saiph	724
Rigel	777
Alnitak	826
Algiebba	906
Mintaka	919
Meissa	1069
Alnilam	1360



Question:	How does distance affect the brightness of light?					
Our Claim:						
Our Evidence:		Our Reasoning:				