

Activity Ideas

for secondary school astronomy clubs

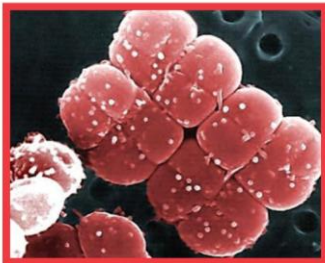


Click each description below to get details.

Extremophiles -life surviving in the extreme.

CONAN THE BACTERIUM

Deinococcus radiodurans



Peggy A. O'Cain and Margaret C. Henk
Louisiana State University

the "terrible grain"



Moon phase puzzle- sort photos, pick landing site

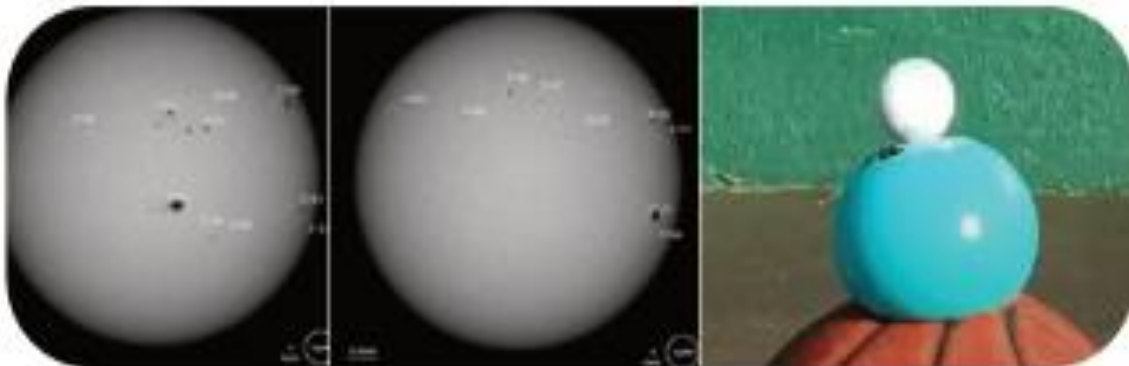
Show Astro/SciFi videos.

Galaxy sorting. Devise system from images.

- | Asteroids - moving objects on photos taken at different times
- | Challenge Astronomy Questions Competition
- | Model Rocketry (safety concerns)



- | Big Bang playing with time using balloon
- | Walk the solar system with balls or apples for planets.
- | How well do students know the solar system? Draw on tape.
- | Sun rotation, look at images over weeks to find period



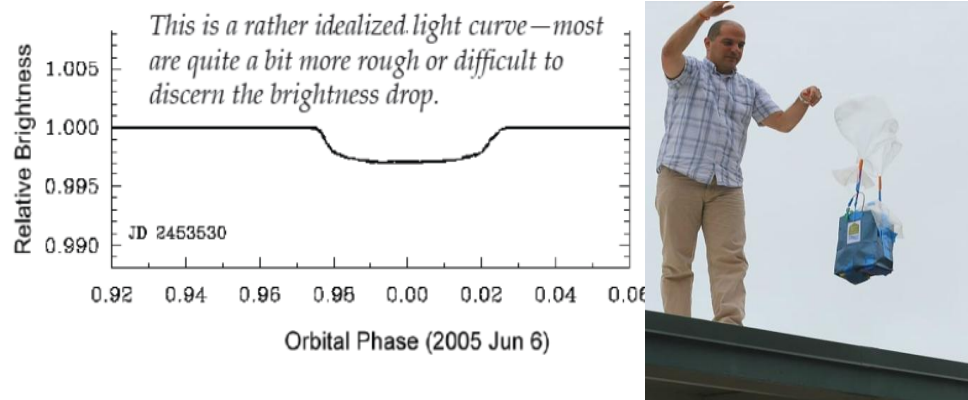
- | Drop balls together; small one bounces high like supernova
- | Moons of Jupiter - estimate their periods
- | Cosmic calendar organize events from the Big Bang to now
- | Anyone out there? Drake equation for chance in Milky Way
- | Timeline of the Earth Moon system
- | How High up is Space? Scale model of start of space

[Timeline of Earth events](#)

[Did we actually land on the Moon? Study of aspects.](#)

[Moon observation journal follow for complete lunar cycle](#)

[Exoplanet transits - mathematically analyzing images](#)



[Egg drop competition to simulate Mars Lander](#)

[Space songs- make astronomy lyrics to known songs](#)

[Sun cards to show aspects of our star](#)

[Students create own world, solar system](#)

[Satellite design game - James Webb](#)

[Telescope design app James Webb](#)

