

Integrated Unit

4

Unit Name: Moon Phases with Changes in Surface Area

Duration	3	Study Guide	
Holidays		Integrated Essay Exam	3
Content Area Exams		Integrated Objective Exam	3
Progress Reports	3wk	Unit Manager	Anna Crisostomo Angel Webb

Integrated Essay Exam Question

How does the surface area change with each moon phase? Explain the differences in mathematical terms and use proper names of each moon phase.

Out of Class Project Description

Calendar tracking for 18 days
Oreo Cookie Lab
Cake Rounds grp project
www.Stellarium.org

SCIENCE
Moon Phases
TEKS 7.13B

MATHEMATICS
Perspective drawing
Circumference
Surface area
TEKS 8.8A, 8.10A

SOCIAL STUDIES
Timeline of moon exploration

ENGLISH
Journals
Write letters to other campus as from Moon to home

EXTENSION
Art- creating a visual calendar poster representing moon phases

Resources

To the Moon and Beyond!

Anna Crisostomo and Angeel Webb