

Stargazers! Astronomy for Kids

Grades:	4th – 6th
Day of Week:	Monday
Time of Class:	11:00 am – 12:30 pm ET
Length of Class:	10 Week
Semester:	Winter
Tuition:	250.00

Winter Semester

Week 1 – Week of January 9

Week 2 – Week of January 16

Week 3 – Week of January 23

Week 4 – Week of January 30

Week 5 – Week of February 6

Week 6 – Week of February 13

Mid Semester Break: Week of February 20 – President's Day

Week 7 – Week of February 27

Week 8 – Week of March 6

Week 9 – Week of March 13

Week 10 – Week of March 20

Make Up Week – Week of March 27

Instructor's Name:	Sarah Pope
Instructor's Email:	Sarah@ebbingtides.com
Instructor's Phone:	757-567-4601
Instructor's Whats App:	757-567-4601

Description of Class:

Get ready for 10 stellar weeks of moons, stars, planets and more. Stargazers; Astronomy for kids is an introductory class for upper middle school students. We will learn about our solar system and the greater universe. With topics ranging from the types of galaxies, craters on the surface of the moon, star life cycles, and all the planets in the solar system.

Class Approach:

This is an online class with hands on style. Each week we meet for LIVE class where we may draw a diagram, make a graph, or run a lab. I'll post additional class resources like videos and games in each week's module. We will also record night sky observations and complete a

student choice end of the class project. In which students are encouraged to follow their curiosity, and research something that interests them.

Goals:

By the end of the course, student will have built a solid foundation in core astronomy topics.

Textbook:

N/A

Additional Supplies/Resources Needed:

pen/pencil, computer paper, scissors, tape or glue, Computer, printer, headset, microphone, internet access, notebook paper, pen/pencil,

Requirements:

Each student is responsible for attending the weekly classes, completing all online assignments in canvas, as well as participates in discussions

Weekly Homework:

Expect 1 – 2 hours of at home assignments which range from reading an article, taking an online quiz, or answering questions about that week's topic.

Homework Policy:

All assignments will be posted and submitted online via Canvas. I encourage each student to complete the homework by the due date, but I do not penalize for late submissions.

Additional Policies:

You only get what you put into it.

Please be engaged, ask questions, and answer the ones in class.

Evaluation:

You will have various assignments each week, as well as, a final project. There will opportunities for extra credit throughout the course.

Class Participation – 25%

Quizzes – 25%

HW – 25%

Projects – 25%

Grading Scale:

Percentages/Grades

100-90: A

89-80: B

79-70: C

69-60: D

59 – 0: No effort: F

Anticipated Weekly Course Schedule:

Week	Topic
Week 1	Introduction to Astronomy & Space Observations
Week 2	Classifying Galaxies
Week 3	Star life cycles
Week 4	The Sun
Week 5	Planets in the Solar System
Week 6	Comets & Asteroids
Week 7	The Moon & lunar phases
Week 8	Eclipses: Solar & Lunar
Week 9	Seasons
Week 10	Class Projects