

St. Paul's Preparatory Academy  
8<sup>th</sup> Grade Space and Earth Science  
Mrs. Rockwell

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### **Course Overview**

This course will introduce the students to many scientific specialties. Some fields of study include astronomy, meteorology, geology and oceanography.

### **Course Responsibilities**

Students will be expected to participate in class and complete all assignments with an attitude of excellence.

### **Course Textbooks**

*Space and Earth Science*, Books A and B

### **Course Requirements and Grading**

- 15% - Prompt and Prepared
- 25% - Homework
- 20% - Quizzes/Class Writing
- 40% - Tests

### **Grading Scale**

- A-/A/A+ - 93/96/99
- B-/B/B+ - 83/86/89
- C-/C-C+ - 75/78/81
- D - 70
- F - 0

## **Homework Policy**

Homework assignments will receive a grade of 100% if turned in on time. If an assignment is incomplete or not turned in, it will receive a grade of 0%. If the assignment is turned in completed when the class meets again, the grade will be changed to a 50%.

## **Extra Credit Work**

The instructor will not offer the opportunity for extra credit work to individual students who have chosen not to attend class, not to participate in class, not to study or do homework, and not to perform well on tests.

If the instructor does choose to offer an extra credit assignment it will be offered to the entire class. Extra credit assignments will be given at the sole discretion of the instructor.

## **Prompt and Prepared**

This grade is determined by students being on time, having all needed supplies and contributing to class discussion.

**The final exam will be comprehensive and will count for 20% of the final grade.**

**Follow-up projects will be assigned after each field trip.**

Space and Earth Science 8  
Syllabus 2011-2012

- 8-29 Intro pp. ix-xii  
Discussion: Section 1A  
HW: Review questions 1A, Read sect. 1B
- 8-30 Discussion: Section 1B  
HW: Review questions 1B, Read sect. 1C
- 8-31 Discussion: Section 1C
- 9-1 Quiz over Sect. 1A-1B  
Application 1A  
HW: Review questions 1C  
Begin studying for test Chapter 1, September 7
- 9-5 Labor Day
- 9-6 Review for Test 1  
HW: Review for Test 1
- 9-7 Test 1  
HW: Read sect. 2A-1
- 9-8 Discussion: Section 2A-1  
HW: Read Section 2A-2, complete application 2A  
Review Questions 2A-2
- 9-12 Discussion: application 2A  
HW: Read Section 2B-1, Review Questions 2B-1
- 9-13 Quiz 2A  
Discussion: Section 2B-1  
HW: Application 2B, Read Section 2B-2,  
Read Investigation 2F
- 9-14 Discussion: 2B-2, Investigation 2F
- 9-15 Quiz 2B, Investigation 2F, Investigation 2G  
HW: Chapter 2 Review Questions, What Did You  
Learn Questions, True/False Questions  
Begin to study for test Chapter 2, September 21

- 9-19 Homework check and review. Chapter Summary  
HW: What Do You Think Questions  
Study for Test chapter 2
- 9-20 Quiz chapter 2, review questions, application and  
Investigation discussions.  
HW: Study for Test
- 9-21 Test Chapter 2  
HW: read Section 3A-1
- 9-22 Discussion: 3A, application 3A  
HW: Review Questions 3A-1, read Section 3A-2
- 9-26 Discussion 3A-2  
HW: Review Questions 3A-2, read Section 3A-3,
- 9-27 Discussion: 3A-3  
HW: Review Questions 3A-3, read Investigation 3G
- 9-28 Investigation 3G  
HW: Read Section 3B, read Investigation 3H
- 9-29 Investigation 3H, Review for a quiz over 3A  
HW: Read Section 3A-4
- 10-3 Quiz 3A, Discussion: Section 3-4  
HW: Review Questions 3A-4, read Section 3B-1
- 10-4 Application 3C, Discussion: 3B-1  
HW: Review Questions 3B-1, read 3B-2
- 10-5 Discussion: 3B-2, Review Questions 3B-2  
HW: Complete Application 3D, Read Investigation 3I
- 10-6 Investigation 3I  
HW: complete Investigation 3I, read 3C-1,  
Study for Test over Sections 3A-3B, September 12

- 10-10 Review 3A-3B, Discussion 3C-1  
HW: Read 3C-2, Study Section 3A-3B
- 10-11 Application 3E, Review Questions 3C-2  
HW: Study for Test, Sections 3A-3B
- 10-12 Test over Sections 3A-3B  
HW: Read Investigation 3J
- 10-13 Investigation 3J  
HW: Complete Application 3K, read Section 3C-3  
Begin to study Section 3C for test, October 19
- 10-17 Review for Test 3C, Discussion 3C-3  
HW: Application 3F, Study Section 3C for Test
- 10-18 Quiz 3C, Test Review, Review Applications and  
Investigations  
HW: Study for Test
- 10-19 Test Section 3C  
HW: Read Section 4A
- 10-20 Discussions: 4A  
HW: Review Questions 4A, Application 4A-4B,  
Read Facet p. 86
- 10-24 Quiz 4A, Discussion: 4A  
HW: Read 4B-1
- 10-25 Discussion: 4B-1  
HW: Review Questions 4B-1, Read 4B-2
- 10-26 Discussion 4B-2  
HW: Review Questions 4B-2, Application 4C,  
Read Investigation 4G
- 10-27 Investigation 4G  
HW: Complete Investigation 4G, Read Section 4C

- 10-31 Quiz Section 4B, Discussion: 4C  
HW: Review Questions 4C, Applications 4D  
Read: Investigation 4F
- 11-1 Investigation 4F  
HW: Chapter Review Questions, Begin studying for  
test on Wednesday, 11-3
- 11-2 Quiz Section 4C, Review for Test 4  
HW: Study for Test
- 11-3 Test chapter 4  
HW: Read Section 5A
- 11-7 Discussion: 5A  
HW: Review Questions 5A, Application 5A, Read  
Investigations 5E and 5F
- 11-8 Investigations 5E and 5F  
HW: Complete Summing It Up for 5E and 5F  
Read: Investigation 5G, Bring calculators to class
- 11-9 Investigation 5G  
HW: Read section 5B
- 11-10 Discussion 5B  
HW: Review Questions 5B, Application 5A,  
Read Investigation 5D
- 11-14 Investigation 5D  
HW: Read Section 5C-1
- 11-15 Quiz 5A-5B, discussion 5C-1  
HW: Review Questions 5C-1, Investigation 5I, Read  
Investigation 5H
- 11-16 Investigations 5H and 5I  
HW: Read Section 5C-2
- 11-17 Discussion: 5C-2  
HW: Review Questions 5C-2, Read section 5C-3

- 11-21 Quiz Mercury, Venus, Mars and Jupiter,  
Discussion 5C-3  
HW: Review Questions 5C-3, Read 5C-4
- 11-22 Discussion: 5C-4, Review Questions 5C-4,  
Application 5C, Test 5, Wednesday, 11-30
- 11-23/11-27 Happy Thanksgiving
- 11-28 Review for Test Chapter 5  
HW: Chapter Review Questions, Study for test.
- 11-29 Review for Test 5  
HW: Study for Test
- 11-30 Test chapter 5  
HW: Read Section 6A (6.1-6.4)
- 12-1 Discussion 6A  
HW: Review Questions 6A #1-4, Read 6A(6.5-6.8)
- 12-5 Discussion 6A  
HW: Review Questions 6A #6-9, Application 6A  
Read 6B
- 12-6 Quiz 6A, Discussion: 6B  
HW: Review Questions 6B, Application 6B,  
Application 6C, Read 6C
- 12-7 Quiz 6B, Discussion: 6C  
HW: Review Questions 6C, application 6D, Read  
Investigation 6F and 6G
- 12-8 Quiz 6C, Investigations 6F and 6G  
HW: Chapter Review Questions, Application 6E  
Begin to study for test 6 - Wednesday, 12-14

- 12-12 Review Application 6E, review for Test 6  
Study for Test 6 - Wednesday, 12-14
- 12-13 Review for Test 6, Discussion: 7A-1  
HW: Study for Test 6
- 12-14 Test 6  
HW: Reread 7A-1, Review Questions 7A-1
- 12-15 Discussion: Review 7A-1, and 7A-2
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- 1-2 Review 7A-1 and 7A-2, Discussion 7C,  
Review for semester exam  
HW: Review Questions 7A-2, Read 7B-1, review for  
semester exam
- 1-3 Quiz 7A, Discussion: 7B-1, Review for semester exam  
HW: Review Questions 7B-1, Application 7C,  
Read Investigation 7G, review for semester exam
- 1-4 Investigation 7G, Review for semester exam  
Hw: complete Investigation 7G, Read 7B-2, Review for  
semester exam
- 1-5 Review Semester Exam

Week of 1-9 Semester Exams

