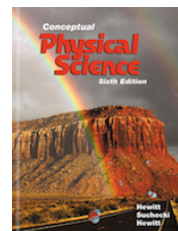




## Conceptual Astronomy

Lesson Planner

Sampler



For an automated calendar using this same information, visit [HomeschoolPlanet.com](http://HomeschoolPlanet.com).

Day	Module Assignments	Action Items
1	Unit A, The Solar System, Module 1, Assignment 1	
		Note: This planner is specific to the sixth edition of Conceptual Physical Science, CPS6e, with a prime focus on astronomy and astronomy-related physics.
		After purchasing your CPS Conceptual Academy course, sign into your student profile page.
		Watch the "Tiger Video" to become familiar with the Conceptual Academy interface.
		Carefully review the first "FYI" page.
		Download instructor documents from the Doc Share for your instructor.
		Obtain a composition book into which you can record your observations and answers to questions.
		A good pair of binoculars is highly recommended.
2	Unit A, The Solar System, Module 1, Assignment 2	
		Read the "How To Study Effectively" document from the Doc Share.
		Study the Prologue in the textbook, pages 1 - 10.
3	Unit A, The Solar System, Module 1, Assignment 3	
		Textbook End-of-Chapter Questions (In Writing): Answer odd numbered "Reading Check" questions (page 11).

		Note: Answers to all odd-numbered questions are in the back of the textbook.
4	Unit A, The Solar System, Module 1, Assignment 4	
		Study Sections: 26.1 - 26.2 (Videos + Textbook)
		Take corresponding video quizzes
5	Unit A, The Solar System, Module 1, Assignment 5	
		Perform Activity: Pinhole (On the next sunny day)
6	Unit A, The Solar System, Module 1, Assignment 6	
		Take Module A1 Reading Quiz
		Answer at least 5 questions correctly from the A1 Homework Practice Session (HPS)
7	Unit A, The Solar System, Module 1, Assignment 7	
		Download and work on Practice Pages from the Doc Share: AstroA1Pages.pdf.
8	Unit A, The Solar System, Module 1, Assignment 8	
		Textbook End-of-Chapter Questions (In Writing): Page 755: Answer 41, 43, 49, 53, 55, 59.
9	Unit A, The Solar System, Module 2, Assignment 1	
		Study FYI Page Unit A, Module 2
		Study Sections: 26.3 - 26.4 (Videos + Textbook)
		Take corresponding video quizzes
10	Unit A, The Solar System, Module 2, Assignment 2	
		Perform Activity: Sunballs (On the next sunny day)

11	Unit A, The Solar System, Module 2, Assignment 3	
		Take Module A2 Reading Quiz
		Answer at least 5 questions correctly from the A2 Homework Practice Session (HPS)
12	Unit A, The Solar System, Module 2, Assignment 4	
		Download and work on Practice Pages from the Doc Share: AstroA2Pages.pdf.
13	Unit A, The Solar System, Module 2, Assignment 5	
		Textbook End-of-Chapter Questions (In Writing): Page 755: Answer 61, 63, 65, 67, 69.
14	Unit A, The Solar System, Module 3, Assignment 1	
		Study FYI Page Unit A, Module 3
		Study Sections: 26.5 (Videos + Textbook)
		Take corresponding video quizzes
15	Unit A, The Solar System, Module 3, Assignment 2	
		Sky Search: Look at the Moon through binoculars
		Perform Activity: Find all Apollo landing sites on a map of the Moon.
		Perform Activity: Find a point on the Moon from where Earth cannot be seen.
16	Unit A, The Solar System, Module 3, Assignment 3	
		Take Module A3 Reading Quiz
		Answer at least 5 questions correctly from the A3 Homework Practice Session (HPS)
17	Unit A, The Solar System, Module 3, Assignment 4	
		Download and work on Practice Pages from

		the Doc Share: AstroA3Pages.pdf.
		Download and work on activity from the Doc Share: EllipsesOpt.pdf.
18	Unit A, The Solar System, Module 3, Assignment 5	
		Sky Search: Textbook End-of-Chapter Questions (Activities) 31, 33 (page 754).
19	Unit A, The Solar System, Module 3, Assignment 6	
		Textbook End-of-Chapter Questions (In Writing): Page 756: Answer 71, 73, 75, 77, 79.
		Textbook End-of-Chapter Questions (In Writing): Page 756: Answer 81, 83, 85, 87, 89.
20	Unit A, The Solar System, Module 4, Assignment 1	
		Study FYI Page Unit A, Module 4
		Study Section: 26.6 (Videos + Textbook)
		Take corresponding video quizzes
		Video Share: Watch New Horizons Flyover of Pluto
21	Unit A, The Solar System, Module 4, Assignment 2	
		Perform Activity: Discover the main results of the Dawn Spacecraft mission.
		Perform Activity: List three geologic features of Ceres also found on Earth.
22	Unit A, The Solar System, Module 4, Assignment 3	
		Take Module A3 Reading Quiz
		Answer at least 5 questions correctly from the A3 Homework Practice Session (HPS)
23	Unit A, The Solar System, Module 4, Assignment 4	

		Perform Activity: Tracking Mars (See Doc Share)
24	Unit A, The Solar System, Module 4, Assignment 5	
		Textbook End-of-Chapter Questions (In Writing): Page 756: Answer 91, 93, 95, 97.
		Textbook End-of-Chapter Questions (In Writing): Page 757: Answer 99.
		Take the Readiness Assurance Test (RAT) page 757.
25	Unit A, The Solar System, Module 4, Assignment 6	
		Take the Unit A exam downloadable from the Doc Share of the FYI page.
		Ideally you'll be able to take this exam with others, including friends and family, as spelled out within the directions.
26	Unit B, Laws of Newton, Module 1, Assignment 1	
		Study FYI Page Unit B, Module 1
		Study Sections: 1.1 - 1.4 (Videos + Textbook)
		Take corresponding video quizzes
27	Unit B, Laws of Newton, Module 1, Assignment 2	
		Take Module B1 Reading Quiz
		Answer at least 5 questions correctly from the B1 Homework Practice Session (HPS)
28	Unit B, Laws of Newton, Module 1, Assignment 3	
		Perform Activity: Peanut Butter Jar
29	Unit B, Laws of Newton, Module 1, Assignment 4	
		Textbook End-of-Chapter Questions (In Writing): Page 34: Answer 59, 63, 65, 67, 69, 71, 73.

30	Unit B, Laws of Newton, Module 2, Assignment 1	
		Study FYI Page Unit B, Module 2
		Study Sections: 1.5, 1.6, 1.8, 1.9 (Videos + Textbook)
		Take corresponding video quizzes
31	Unit B, Laws of Newton, Module 2, Assignment 2	
		Download and work on Practice Pages from the Doc Share: PhysicsPP01a1.pdf.
32	Unit B, Laws of Newton, Module 2, Assignment 3	
		Take Module B2 Reading Quiz
		Answer at least 5 questions correctly from the B2 Homework Practice Session (HPS)
33	Unit B, Laws of Newton, Module 2, Assignment 4	
		Study CPS02NTQa.pdf (Next-time Questions) See Doc Share
34	Unit B, Laws of Newton, Module 2, Assignment 5	
		Textbook End-of-Chapter Questions (In Writing): Page 35: Answer 75, 77, 79, 85, 87, 89, 91, 93.
35	Unit B, Laws of Newton, Module 3, Assignment 1	
		Study FYI Page Unit B, Module 3
		Study Sections: 2.1 - 2.2 (Videos + Textbook)
		Take corresponding video quizzes
36	Unit B, Laws of Newton, Module 3, Assignment 2	
		Perform Activity: Catapult
37	Unit B, Laws of Newton, Module 3, Assignment 3	

		Take Module B3 Reading Quiz
		Answer at least 5 questions correctly from the B3 Homework Practice Session (HPS)
38	Unit B, Laws of Newton, Module 3, Assignment 4	
		Download and work on Practice Pages from the Doc Share: PhysicsPP02.pdf.
		Play with PhET simulation: Forces and Motion
39	Unit B, Laws of Newton, Module 3, Assignment 5	
		Textbook End-of-Chapter Questions (Activities) 32, 34 (page 55).
		Textbook End-of-Chapter Questions (In Writing): Page 56: Answer 55, 59.
		Textbook End-of-Chapter Questions (In Writing): Page 57: Answer 61, 63, 65, 7, 69, 71, 73.
40	Unit B, Laws of Newton, Module 4, Assignment 1	
		Study FYI Page Unit B, Module 3
		Study Sections: 2.3 - 2.5 (Videos + Textbook)
		Take corresponding video quizzes
41	Unit B, Laws of Newton, Module 4, Assignment 2	
		Take Module B4 Reading Quiz
		Answer at least 5 questions correctly from the B4 Homework Practice Session (HPS)
42	Unit B, Laws of Newton, Module 4, Assignment 3	
		Study CPS02NTQb.pdf (Next-time Questions) See Doc Share
43	Unit B, Laws of Newton, Module 4, Assignment 4	

		Textbook End-of-Chapter Questions (In Writing): Page 57: Answer 75, 79.
		Textbook End-of-Chapter Questions (In Writing): Page 58: Answer 81, 82, 87, 95.
		Textbook End-of-Chapter Questions (In Writing): Page 58: Answer 103.
44	Unit B, Laws of Newton, Module 4, Assignment 5	
		Take the Readiness Assurance Test (RAT) page 60.
45	Unit B, Laws of Newton, Module 4, Assignment 6	
		Take the Unit B exam downloadable from the Doc Share of the FYI page.
		Ideally you'll be able to take this exam with others, including friends and family, as spelled out within the directions.
46	Unit C, Gravity and Satellites, Module 1, Assignment 1	
		Study FYI Page Unit C, Module 1
		Study Sections: 4.1 - 4.2 (Videos + Textbook)
		Take corresponding video quizzes
47	Unit C, Gravity and Satellites, Module 1, Assignment 2	
		Perform Activity: Ball Drop

This course continues through additional units

Thank you for your interest in our planners!



Prof. Hewitt  
Geology



Prof. Suchocki  
Chemistry & Astro



Prof. Hewitt  
Physics



Prof. Lyons  
Earth Science



Prof. Yeh  
Biology

