



ISM Astronomy Pacing Chart

Text: Astronomy A beginner's Guide to the Universe
Chaisson and McMillan

Week	Topic	Chapter
1 Aug 22 - 26	Early models of the solar system	0
2 Aug 29 – Sep 2	Ptolemaic, Copernican, and Tycho's models	1
3 Sept 5 - 9	Kepler and Galileo Kepler's Laws	1
4 Sep 12 - 16	Electromagnetic Radiation	2
5 Sep 19 - 23	Telescopes	3
6 September 26 - 30	Periodic 1	
7 Oct 3 - 7	The Solar System	4
8 Oct 10 - 14	The Earth and Moon	5
9 Oct 17 - 21	Terrestrial Planets	6
10 Oct 24 - 28	Gas Giants	7
11 October 31 – Nov 5	Periodic 2	
12 Nov 7 - 11	Ice Giants	8
13 Nov 14 - 18	Moons	8
14 November 21 – 25	Revision/EOT	
15 Nov 28 – Dec 2	The Sun	9

2 Dec 5 - 9	Fusion, Heavy Element Formation Neutrinos	9
3 Dec 12 - 16	Sunspots, Prominences, CME,	9
	Winter Break	
4 Jan 2 - 6	Star Types HR Diagrams	10
5 Jan 9 - 13	Periodic 1	
6 Jan 16 - 20	Interstellar Medium	11
7 Jan 23 - 27	Stellar Evolution	12
8 Jan 30 – Feb 3	Black Holes	13
9 Feb 6 - 10	Neutron Stars	13
10 Feb 13 - 17	Periodic 2	
11 Feb 20 - 24	Revision	
12 Feb 27 – Mar 3	Revision/EOT	
	Spring Break	
1 Mar 13 - 17	Galaxy Formation	15
2 Mar 20 - 24	Types of Galaxies	15
3 Mar 27 - 31	Dark Matter	16
4 April 3 - 7	Super Massive Black Holes	16
5 April 10 - 14	Periodic 1	
6 Apr 17 - 21	The Origin of The Universe	

7 Apr 24 - 28	General Relativity Expansion Inflation	17
8 May 1 - 5	Large Scale Structure	17
9 May 8 - 12	Periodic 2	
10 May 15 - 19	Life As We Know It	18
11 May 22 - 26	Life As We Don't Know it	18
12 May 29 – June 2	SETI	18
14 June 5 - 9	EOY EXAMS	