

2017-18 8th Grade Science Curriculum Map and Information

Year	Week	Content
1 st Quarter	1	8.P.2 Forces & Motion Chapter 1
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	8.P.3 Waves Chapters 2-4 Benchmark Test 1
2 nd Quarter	10	8.E.4 Earth’s Place in the Universe Chapters 5-7 Benchmark Test 2
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	8.E.5 Earth’s Systems and Resources Chapters 8-11 Benchmark Test 3
3 rd Quarter	19	
	20	
	21	
	22	
	23	
	24	
	25	
	26	
	27	
4 th Quarter	28	8.E.6 Earth’s History & Diversity of Life Chapters 12-13 Benchmark Test 4
	29	
	30	
	31	
	32	
	33	Course Review SCPASS
	34	
	35	Teacher Selected Activities
	36	
If science materials are needed, please contact Jeannie Parker at jparker@rhmail.org .		

Middle School Science Expectations

ALL Levels of MS Science Instruction must:

- Use relevant examples from real-life to help illustrate topics in the SC Science Standards and Support Document.
- Research/construct projects* with a focus on the SEPs and problem solving skills in which students produce a: Model, Poster, Brochure, Letter to the Editor, Public service announcement, YouTube video, PowerPoint, Website, Essay, Speech, Children's Book, or Blog
- Administer the Benchmark Test at the end of each unit of study—then discuss the data as a PLC.
- Complete the relevant lessons in the provided science kit.
- Frequent Quick Labs (labs that students complete at their desk or labs that take 30min or less) See Pearson Lab Manual
- Weekly Labs (labs that require the use of lab stations, outdoor space, hallway space, measurement, data collection analysis, manipulation of data, drawing conclusions.)
- Formal Lab Reports (title as a question, purpose, hypothesis, materials list, procedures, data (chart), results (graph), conclusions).

*sources of information must be cited in a manner specified by the teacher

Grade-Level Science Courses must incorporate:

- At least 2 research-based projects (1 per semester)
- At least 2 formal lab reports with at least 1 paragraph conclusions

Advanced Science Courses must incorporate:

- At least 1 research-based project for each unit of study (4 in 6th and 7th) (5 in 8th)
- At least 4 formal lab reports with 2-3 paragraph conclusions (7th and 8th)

