

2017-18 8th Grade Science Curriculum Map and Information

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

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)

