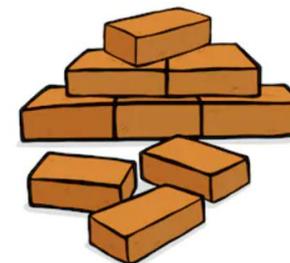


# Calendar Cycle of Study: Foundation

## Physical Science



*What is a foundation? Why is it important?*

Week	Objectives	Lessons
1	Understand how science is learned and developed from previous understandings and discoveries.	Fish is Fish by Leo Lionni, begin discussion of science
2	Develop our own scientific investigations from something we know about. Write Claim, Evidence, Reasoning Statements	Speed Exploration & Scientific Design CER Practice: Using data from foundational scientific discoveries
3	Creating models of atoms. Exploring properties of various elements.	Simulation: Building Atoms Patterns in the Periodic Table
	Midterms & Student Led Conferences	
4	Determine how elements bond & react with one another.	Exploring Elements Lab Bonding Pogil Reactions Lab
5	Explain how heat impacts the motion of particles. Draw a temperature curve for various elements.	Phase of matter inquiry. Ice Melting Lab.
	End of Quarter 1 & End of Cycle 1	
	Fall Intersession Begins	