

Planning your year

Overview: Amplify Science K-5 Course Structure



PRIMARILY LIFE SCIENCE



PRIMARILY PHYSICAL SCIENCE



PRIMARILY EARTH SCIENCE

	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Minutes per lesson
K	Needs of Plants and Animals			Pushes and Pulls			Sunlight and Weather			45	
1	Animal and Plant Defenses			Light and Sound			Spinning Earth			45	
2	Plant and Animal Relationships			Properties of Materials			Changing Landforms			60	
3	Balancing Forces		Inheritance and Traits		Environments and Survival		Weather and Climate			60	
4	Energy Conversions		Vision and Light		Earth's Features		Waves, Energy and Information			60	
5	Patterns of Earth and Sky		Modeling Matter		The Earth System (26 lessons)			Ecosystem Restoration			60

All units have 22 lessons except Grade 5: The Earth System, which has 26 lessons.

Implementation considerations:

- The lesson and activity sequence needs to be followed within a unit.
- Pacing in this guide assumes 3 lessons taught each week.
- Lessons can be taught either by a classroom teacher or through a collaboration between cluster teacher and classroom teacher.

Course structure notes:

- The order of units in Kindergarten and Grade 1 takes early literacy development into consideration. Reading, writing, and discourse routines in K-1 units build on one another from the beginning to the end of the year.
- Particular activities that are best suited for fall, winter, or spring are reflected in the unit order.
- In various instances, students engage in specific science and engineering practices, crosscutting concepts or disciplinary core ideas in increasingly complex ways over the course of a year.