

Montana K-12 Science Standards Addressed in Transforming Spaces Curriculum

	Kindergarten		1st Grade	2nd Grade	
Physical Science Life Science Ecosystems Earth and Human Activity K-2	K-ESS2-2 Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.	K-ESS3-1 Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.	1-ESS1-1 Use observations of the sun, moon, and stars to describe patterns that can be predicted.	2-LS2-2 Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants	2-PS1-1 Plan and conduct an investigation to describe and classify various materials by their observable properties
Botany		X		X	X
Wildfire	X	X			
Astronomy			X		
Bison	X	X			
	3rd Grade			4th Grade	
Physical Science Ecosystems Earth and Human Activity Life Science 3-4	3-PS2-2 Observe and record qualitative and quantitative data about an object's motion to provide evidence that a pattern can be used to predict future motion	3-LS2-1 Construct a cause and effect argument communicating some animals, including humans, form groups and communities that help members survive	3-ESS3-1 Make a claim based on information about the merit of a design solution that reduces the impacts of a weather-related hazard.	4-LS1-1 Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.	4-ESS3-2 Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.
Botany				X	
Wildfire			X		X
Astronomy	X				
Bison		X		X	

5th Grade

Physical Science Ecosystems Earth and Human Activity Life Science 5	5-ESS3-1 Obtain and combine information from various sources about ways individual communities use science ideas to protect the Earth's resources, environment, and systems.	5-LS1-1 Support an argument that plants get the materials they need for growth chiefly from air and water.	5-PS1-4 Conduct an investigation that produces quantitative and qualitative data to analyze whether the mixing of two or more substances results in new substances
Botany	X	X	
Wildfire	X		X
Astronomy			
Bison	X		

