

**Project Phenology Relevant Science Concepts & Terms
from the Colorado Model Content Standards for Science**

Relevant Science Terms

	Adaptation		Fossil fuel		Plateau	Additional Workshop-Specific Terms	
X	Air		Frequency		Polarity	X	Phenology
	Air mass		Front	X	Pollination	X	Chlorosis
	Air pressure		Galaxy	X	Population	X	Pigments
	Amino Acid		Gas		Potential energy	X	Study Plot
	Amplitude		Genetics		Precipitation	X	Species
X	Anatomy		Geologic time		Pressure	X	Seasonal Changes
	Asexual reproduction		Geology		Prevailing wind	X	Growing Season
	Astronomy		Geosphere		Proton	X	Bud Burst
X	Atmosphere		Glacier		Radiation	X	Green-Up
	Atom		Gravity		Radiometric dating	X	Green-Down
	Axis	X	Greenhouse effect		Renewable resource	X	Leaf Drop
	Binary fission	X	Greenhouse gas		Replication	X	Senescence
X	Biodiversity		Groundwater		Reproduction	X	GPS
X	Biology		Habitat		RNA (Ribonucleic Acid)	X	Munsell Color Chart
X	Biosphere		Heat		Rock		
	Boiling point		Heat of condensation		Rotation		
X	Botany		Homeostasis		Salinity		
X	Carbohydrate		Humidity		Satellite		
	Carcinogen	X	Hydrologic cycle	X	Science		
X	Cell		Hydrosphere		Scientific law		
	Cell division	X	Hypothesis		Scientific theory		
X	Cellular respiration	X	Infrared	X	Season		
	Chemistry	X	Inquiry		Sedimentary		
X	Chloroplast		Invertebrate		Sexual reproduction		
	Chromosome	X	Investigation	X	Soil		
	Circuit		Kinetic energy		Solar system		
X	Classification	X	Life cycle		Solid		
	Climate	X	Light		Solubility		
	Cloud		Liquid		Soluble		
	Cohesion		Lithosphere		Sound		
	Communicable disease		Macromolecule		Space		
	Community		Macroscopic		Species		
	Composition		Magnetism		Specific heat		
	Compound		Mass		Spectroscope		
X	Conclusion		Matter		Speed		
	Condensation		Meiosis		Star		
	Condensation, heat of		Melting point		Storm		
	Conduction		Meteorology		Stratosphere		
	Conductivity		Microscopic		Substance		
	Conservation of energy		Mineral	X	Sun		
	Conservation of mass		Mitosis		Symbiotic		
	Conservation of matter		Mixture		Synthesis		
	Controlled experiment		Molecule	X	System		
	Convection		Moon		Telescope		
	Coriolis effect		Moon (lunar) phases	X	Temperature		
X	Data		Motion		Theory (scientific)		
	Decomposition	X	Multicellular		Thermal (energy)		
	Density		Mutation		Tide		
	DNA (Deoxyribonucleic Acid)	X	Natural resources	X	Tissue		
	Earthquake		Natural selection	X	Troposphere		
	Eclipse		Neutron		Unicellular		
X	Ecology	X	Niche		Universe		
X	Ecosystem		Nonrenewable resource		Velocity		
	Electricity	X	Observation		Vertebrate		
X	Electromagnetic radiation		Oceanography	X	Visible light (spectrum)		
	Electron		Orbit		Volcano		
	Element	X	Organism		Volcanic eruption		
	Elevation	X	Organ		Volume		
X	Energy		Pangaea	X	Wavelength		
X	Environment		Parasite (parasitic)	X	Weather		
	Equilibrium		Periodic table		Weathering		
	Erosion		pH		Weight		
X	Evaporation	X	Photosynthesis	X	White light		
	Experiment	X	Physical change		Wind		
	Food chain		Physics		X-Ray		
	Food pyramid	X	Physiology	X	Year		
	Food web		Planet		Zoology		
	Force		Plasma				
	Fossil		Plate tectonics				