		51	H GRADE SCIENCE					
Week of	Monday	Tuesday	Wednesday	Thursday	Friday			
Aug 21		Science Safety, Note	books, & Observations	s/Inferences (10 days)				
	Sign safety contracts a Mini labs to intro prod Conservation/recyclin Introduce testing one Introduce graphing	cess skills g						
Aug 28		Observations/Ir	nferences/Experimenta	l design (10 days)				
	Mini labs to intro process skills Introduce testing one variable – guided exp. Design Introduce graphing							
Sept 5		Physica	I Properties of Matter	(19 days)				
	Classify matter based Identify properties of Mixtures maintain phy Identify physical prop Conservation/recyclin Direct/indirect eviden Verbal/written conclu Construct graphs, tabl	water – boiling/freezi ysical properties erty changes of solutio g ce sions	ng/melting points					

5TH GRADE SCIENCE
Develop Droportion of Matter (10 days)
Physical Properties of Matter (19 days)
Classify matter based on physical properties
Identify properties of water – boiling/freezing/melting points
Mixtures maintain physical properties
Identify physical property changes of solutions
Conservation/recycling
Direct/indirect evidence
Verbal/written conclusions
Construct graphs, tables, charts, and maps using technology
Physical Properties of Matter (19 days)
Classify matter based on physical properties
Identify properties of water – boiling/freezing/melting points
Mixtures maintain physical properties
Identify physical property changes of solutions
Conservation/recycling
Direct/indirect evidence
Verbal/written conclusions
Construct graphs, tables, charts, and maps using technology Physical Properties of Matter (19 days)
Classify matter based on physical properties
Identify properties of water – boiling/freezing/melting points
Mixtures maintain physical properties
Identify physical property changes of solutions
Conservation/recycling
Direct/indirect evidence
Verbal/written conclusions
Construct graphs, tables, charts, and maps using technology
-

Week of	Monday	Tuesday	Wednesday	Thursday	Friday	
Oct 2			Forces (10 days)			
	Test the effect of forc	e on an object				
	Accurate observation	/measuring				
	Repeated investigatio	ns = reliable results				
	Verbal/written conclu	sions				
	Construct graphs, tab	es, charts, and maps u	sing technology			
Oct 9		•	Forces (10 days)			
	Test the effect of forc	e on an object				
	Accurate observation/measuring					
	Repeated investigations = reliable results					
	Verbal/written conclusions					
	Construct graphs, tables, charts, and maps using technology					
Oct 16	Forms of Energy (15 days)					
	Uses of mechanical, light, thermal, electrical, and sound energy					
	Circuits can produce sound, heat, and light					
	Properties of light					
Oct 23	Forms of Energy (15 days)					
	Uses of mechanical, light, thermal, electrical, and sound energy					
	Circuits can produce sound, heat, and light					
	Properties of light					
Oct 30	Forms of Energy (15 days)					
	Uses of mechanical, light, thermal, electrical, and sound energy					
	Circuits can produce s	ound, heat, and light				
	Properties of light					

5TH GRADE SCIENCE

Nov 6 Sun, Earth, and Moon Systems (15 days) Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data Image: Comparison of Comparison o	eek of	Monday	Tuesday	Wednesday	Thursday	Friday		
Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data Nov 13 Sun, Earth, and Moon Systems (15 days) Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data Nov 20 Nov 20 Nov 20 Earth's rotation Sun, Earth, and Moon Systems (15 days) Earth's rotation	lov 6		Sun, Eai	rth, and Moon Systems ((15 days)			
Direct/indirect evidence Tables, graph, charts to evaluate data Nov 13 Sun, Earth, and Moon Systems (15 days) Earth's rotation Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data Nov 20 Thanksgiving Holidays Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation Earth's rotation								
Nov 13 Sun, Earth, and Moon Systems (15 days) Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data Nov 20 Thanksgiving Holidays Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation								
Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data Nov 20 Nov 27 Thanksgiving Holidays Earth's rotation Earth's rotation		Direct/indirect eviden	ice Tables, graph, char	ts to evaluate data				
Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data Nov 20 Nov 21 Thanksgiving Holidays Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation	ov 13		Sun. Eai	rth. and Moon Systems ((15 davs)			
Nov 20 Image: Constant of the section of the secti		Earth's rotation		· , · ································	· · · · · · · · · · · · · · · · · · ·			
Nov 20 Thanksgiving Holidays Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation								
Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation								
Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation								
Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation								
Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation	ov 20							
Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation								
Nov 27 Sun, Earth, and Moon Systems (15 days) Earth's rotation		Thanksgiving Holidays						
Earth's rotation					7 -			
Earth's rotation								
	ov 27							
		Physical characteristics of Sun, Earth, and Moon						
Direct/indirect evidence Tables, graph, charts to evaluate data		Direct/indirect evidence Tables, graph, charts to evaluate data						

5TH GRADE SCIENCE

		511	H GRADE SCIENCE		
Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Dec 4		Pattern	s in the Natural World	(5 days)	
	Differentiate betweer How sun and ocean in Observations and mea		evidence		
Dec 11					
		Milestone / Spiral	Review / Project Based	l Learning (8 days)	
Dec 18		Milestone / Spiral	Review / Project Based	l Learning (8 days)	
Dec 25		Ch	iristmas / Winter Bre	ak	

	5TH GRADE SCIENCE							
Week of	Monday Tuesday Wednesday Thursday Friday							
Jan 1								
		Ch	ristmas / Winter Bre	eak				
Jan 9	.		ergy Resources (18 day	ys)				
		edimentary rock and f	ossil fuels					
	Alternative energy res	promotional products a	nd services					
		·······						
Jan 16		Fn	ergy Resources (18 day	vc)				
	Processes that led to s	edimentary rock and f	•	y3)				
	Alternative energy res	•						
	Evaluate accuracy of p	promotional products a	nd services					
Jan 22	Energy Resources (18 days)							
	Processes that led to s	edimentary rock and f	ossil fuels					
	Alternative energy resources							
	Evaluate accuracy of promotional products and services							
Jan 29	Energy Resources (18 days)							
	Processes that led to s	edimentary rock and f	ossil fuels					
	Alternative energy res							
	Evaluate accuracy of p	promotional products a	nd services					

	5TH GRADE SCIENCE						
Week of	Monday	Tuesday	Wednesday	Thursday	Friday		
Feb 5	Earth's Changes (14 days) Changes by ice, wind, water result in changes to the Earth Fossils as evidence of past organisms/nature of past environments using models Analyze, evaluate, and critique, science explanations - empirical evidence, logical reasoning, critical thinking, Models of how something works that cannot be seen						
Feb 12	Fossils as evidence of Analyze, evaluate, and	Earth's Changes (14 days) Changes by ice, wind, water result in changes to the Earth Fossils as evidence of past organisms/nature of past environments using models Analyze, evaluate, and critique, science explanations - empirical evidence, logical reasoning, critical thinking, Models of how something works that cannot be seen					
Feb 20	Staff Development Day	Earth's Changes (14 days) Changes by ice, wind, water result in changes to the Earth Fossils as evidence of past organisms/nature of past environments using models Analyze, evaluate, and critique, science explanations - empirical evidence, logical reasoning, critical thinking, Models of how something works that cannot be seen					
Feb 26	Ecosystem Interactions (15 days)						
	Living organisms interact with living/nonliving components Flow of energy in living systems Effects of changes in an ecosystem Carbon dioxide/oxygen cycle						

	5TH GRADE SCIENCE							
Week of	Monday	Tuesday	Wednesday	Thursday	Friday			
Mar 5		Ecos	system Interactions (15 o	days)				
	Living organisms interact with living/nonliving components Flow of energy in living systems Effects of changes in an ecosystem Carbon dioxide/oxygen cycle							
Mar 12	Spring Break							
Mar 19		Ecos	system Interactions (15 o	days)				
	Living organisms interact with living/nonliving components Flow of energy in living systems Effects of changes in an ecosystem Carbon dioxide/oxygen cycle							
Mar 26	26 Life Cycles (4 days)							
	Differentiate between complete and incomplete metamorphosis of insects Direct/indirect evidence Valid conclusions written and verbal							

		5TH	H GRADE SCIENCE					
Week of	Monday	Tuesday	Wednesday	Thursday	Friday			
Apr 2	Inherited Traits and Learned Behavior (10 days)							
	Differentiate betweer	nd functions of differen i inherited traits of plan i inherited traits of anim	nts					
Apr 9		Inherited Tra	aits and Learned Behav	ior (10 days)				
	Compare structures and functions of different species for survival Differentiate between inherited traits of plants Differentiate between inherited traits of animals							
Apr 16			Spiral review (15 days)					
Apr 23			Spiral review (15 days)					

	5TH GRADE SCIENCE							
Week of	Monday	Tuesday	Wednesday	Thursday	Friday			
Apr 30		Spiral Review (15 days)						
May 7			Testing					
May 14			Designing Solutions					
May 21			Designing Solutions					