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SE = 5	Pacing Guide           SE = Student Edition Interactive Worktext         TE = Teacher Edition				
Days	Activity Type	Print	Digital		
Unit 1 Op Lesson 1:	Unit 1 Opener Lesson 1: Introduction to Matter				
1.2 days	Big Idea	SE, pp. 1–3; *TE, pp. 14–15			
T-2 Uays	Lesson	SE, pp. 4–15; *TE, pp. 24–29	Screens 1–10		
1	Review	SE, pp. 16–17; *TE, p. 30			
гоау	Assessment		<sup>◊</sup> Lesson 1 Quiz		
(Optional)	Enrichment	Think Science, SE, pp. 18–19; *TE, pp. 32–33			
			<sup>†</sup> Quick Lab: Mass and Weight		
(Optional)	Labs		<sup>†</sup> Quick Lab: Finding Volume by Displacement		
			<sup>†</sup> Quick Lab: How Much Mass?		
			<sup>†</sup> Exploration Lab: Comparing Buoyancy		

# Unit 1: Matter

Lesson 2: Properties of Matter			
1-2 days	Lesson	SE, pp. 20–31; *TE, pp. 42–47	Screens 1–10
1 day	Virtual Lab		Screens 1–13
1 day	Review	SE, pp. 32–33; *TE, p. 48	
T UAY	Assessment		$^{\diamond}$ Lesson 2 Quiz
			<sup>†</sup> Quick Lab: Comparing Two Elements
(Optional)	Labs		<sup>†</sup> Quick Lab: Observing Physical Properties
			<sup>†</sup> Exploration Lab: Identifying an Unknown Substance
Lesson 3:	Physical and	Chemical Changes	
1-2 days	Lesson	SE, pp. 34–43; *TE, pp. 58–62	Screens 1–10
1	Review	SE, pp. 44–45; *TE, p. 63	
i day	Assessment		<sup>◊</sup> Lesson 3 Quiz
(Optional)	Enrichment	S.T.E.M., SE, pp. 46–49; *TE, pp. 64–67	
(Optional)	Labo		<sup>†</sup> Quick Lab: Physical or Chemical Change?
(Optional)	Labs		<sup>†</sup> Quick Lab: Properties of Combined Substances
Lesson 4:	Pure Substar	nces and Mixtures	
1-2 days	Lesson	SE, pp. 50–61; *TE, pp. 76–81	Screens 1–10
1 dov	Review	SE, pp. 62–63; *TE, p. 82	
гоау	Assessment		$^{\diamond}$ Lesson 4 Quiz
			<sup>†</sup> Quick Lab: Observing Mixtures
(Optional)	Labs		<sup>†</sup> Quick Lab: Identifying Elements and Compounds
			<sup>†</sup> Exploration Lab: Investigating Separating Mixtures

Lesson 5: States of Matter				
1-2 days	Lesson	SE, pp. 64–71; *TE, pp. 92–95	Screens 1–10	
	Review	SE, pp. 72–73; *TE, p. 96		
Гаау	Assessment		$^{\diamond}$ Lesson 5 Quiz	
(Optional)	Labs		<sup>†</sup> Quick Lab: Changing Volumes <sup>†</sup> Quick Lab: Can Crusher	
Lesson 6:	Changes of S	State		
1-2 days	Lesson	SE, pp. 74–85; *TE, pp. 106–111	Screens 1–18	
1 day	Virtual Lab		Screens 1–13	
1 dov	Review	SE, pp. 86–87; *TE, p. 112		
T Uay	Assessment		$^{\diamond}$ Lesson 6 Quiz	
			<sup>†</sup> Quick Lab: Investigating Conservation of Mass	
(Ontional)			<sup>†</sup> Quick Lab: Modeling Particle Motion	
(Optional)	Lads		<sup>†</sup> Quick Lab: Boiling Water Without Heating It	
			<sup>†</sup> Exploration Lab: Changes of State	
Unit 1 Rev	Unit 1 Review and Assessment			
1 day	Review	SE, pp. 90–96; *TE, pp. 114–117	Online Unit Self Quiz	
1 day	Assessment		<sup>◊</sup> Unit 1 Test	

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SE = 5	Pacing Guide SE = Student Edition Interactive Worktext				
Days	Activity Type	Print	Digital		
Unit 2 Op Lesson 1:	ener Introduction	to Energy			
	Big Idea	SE, pp. 97–99; *TE, pp. 128–129			
1-2 days	Lesson	SE, pp. 100–109; *TE, pp. 138– 142	Screens 1–15		
1	Review	SE, pp. 110–111; *TE, p. 143			
гау	Assessment		<sup>◊</sup> Lesson 1 Quiz		
(Optional)			<sup>†</sup> Quick Lab: Setting Objects in Motion		
	Labs		<sup>†</sup> Quick Lab: Conservation of Energy		
			<sup>†</sup> Quick Lab: Bungee Jumping		
			<sup>†</sup> S.T.E.M. Lab: Designing a Simple Device		

# Unit 2: Energy

Lesson 2:	Temperature		
1-2 days	Lesson	SE, pp. 112–117; *TE, pp. 152– 154	Screens 1–8
1 day	Virtual Lab		Screens 1–17
1 dov	Review	SE, pp. 118–119; *TE, p. 155	
гоау	Assessment		<sup>◊</sup> Lesson 2 Quiz
(Optional)	Enrichment	Think Science, SE, pp. 120–121; *TE, pp. 156–157	
(Ontional)	Laba		<sup>†</sup> Quick Lab: Exploring Temperature
(Optional)	Labs		<sup>†</sup> Quick Lab: Understanding Temperature Scales
Lesson 3:	Thermal Ener	rgy and Heat	
1-2 days	Lesson	SE, pp. 122–131; *TE, pp. 166– 170	Screens 1–11
1 day	Virtual Lab		Screens 1–12
1 dov	Review	SE, pp. 132–133; *TE, p. 171	
гоау	Assessment		$^{\diamond}$ Lesson 3 Quiz
			<sup>†</sup> Quick Lab: Simple Heat Engine
(Optional)			<sup>†</sup> Quick Lab: Observing Transfer of Energy
	Labs		<sup>†</sup> Quick Lab: Exploring Thermal Conductivity
			<sup>†</sup> Field Lab: Building a Solar Cooker

Lesson 4: Effects of Energy Transfer			
1-2 days	Lesson	SE, pp. 134–143; *TE, pp. 180– 184	Screens 1–15
1 dov	Review	SE, pp. 144–145; *TE, p. 185	
гоау	Assessment		<sup>◊</sup> Lesson 4 Quiz
(Optional)			<sup>†</sup> Quick Lab: Modeling Renewable Energy
	Labs		<sup>†</sup> Quick Lab: Designing a Vehicle Using Alternative Energy
			<sup>†</sup> Exploration Lab: Sustainable Resource Management
Unit 2 Rev	view and Asse	essment	
(Optional)	Video-Based Project		Just Add Heat
1 day	Review	SE, pp. 148–152; *TE, pp. 186– 188	Online Unit Self Quiz
1 day	Assessment		<sup>◊</sup> Unit 2 Test

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# Unit 3: Atoms and the Periodic Table

SE = 5	Pacing Guide           SE = Student Edition Interactive Worktext         TE = Teacher Edition				
Days	Activity Type	Print	Digital		
Unit 3 Op Lesson 1:	ener The Atom				
	Big Idea	SE, pp. 153–155; *TE, pp. 198– 199			
T-Z days	Lesson	SE, pp. 156–165; *TE, pp. 208– 212	Screens 1–11		
1 day	Virtual Lab		Screens 1–13		
1 dov	Review	SE, pp. 166–167; *TE, p. 213			
гау	Assessment		<sup>◊</sup> Lesson 1 Quiz		
(Optional)	Labs		<ul> <li><sup>†</sup> Quick Lab: Investigate the Size of Atomic Particles</li> <li><sup>†</sup> Quick Lab: Investigate Masses of Atomic Particles</li> </ul>		

Lesson 2: The Periodic Table			
1-2 days	Lesson	SE, pp. 168–177; *TE, pp. 222– 226	Screens 1–10
1 day	Virtual Lab		Screens 1–15
1	Review	SE, pp. 178–179; *TE, p. 227	
гау	Assessment		<sup>◊</sup> Lesson 2 Quiz
(Optional)	Labs		<sup>†</sup> Quick Lab: A Model Atom <sup>†</sup> Ouick Lab: Predicting Properties
			<sup>†</sup> Quick Lab: Recognizing Patterns
Lesson 3:	Electrons and	d Chemical Bonding	
1-2 days	Lesson	SE, pp. 180–187; *TE, pp. 236– 239	Screens 1–18
1 days	Review	SE, pp. 188–189; *TE, p. 240	
гау	Assessment		<sup>◊</sup> Lesson 3 Quiz
(Optional)	Enrichment	People in Science, SE, pp. 190– 191; *TE, pp. 242–243	
			<sup>†</sup> Quick Lab: What's in a Change?
(Optional)	Labs		<sup>†</sup> Quick Lab: Sharing Electrons <sup>†</sup> S T E M Lab: Build a Bohr Model
lesson 4:	Ionic Covale	nt and Metallic Bonding	S.T.L.M. Lab. Build a Born Model
20000111			
1-2 days	Lesson	SE, pp. 192–199; *TE, pp. 252– 255	Screens 1–15
1 dov	Review	SE, pp. 200–201; *TE, p. 256	
Т бау	Assessment		$^{\diamond}$ Lesson 4 Quiz
(Optional)	Labs		<sup>†</sup> Quick Lab: Growing Crystals <sup>†</sup> Quick Lab: Modeling Bonding <sup>†</sup> Exploration Lab: Chemical Bonds

Unit 3 Review and Assessment			
1 day	Review	SE, pp. 204–208; *TE, pp. 258– 260	Online Unit Self Quiz
1 day	Assessment		° Unit 3 Test

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#### Unit 4: Interactions of Matter

SE = 5	Pacing GuideSE = Student Edition Interactive WorktextTE = Teacher Edition				
Days	Activity Type	Print	Digital		
Unit 4 Op Lesson 1:	ener Chemical Rea	actions			
	Big Idea	SE, pp. 209–211; *TE, pp. 270– 271			
1-2 days	Lesson	SE, pp. 212–221; *TE, pp. 280– 284	Screens 1–15		
1 day	Virtual Lab		Screens 1–16		
1	Review	SE, pp. 222–223; *TE, p. 285			
гау	Assessment		<sup>◊</sup> Lesson 1 Quiz		
(Optional)	Labs		<sup>†</sup> Quick Lab: Breaking Bonds in a Chemical Reaction <sup>†</sup> Quick Lab: Catalysts and Chemical Reactions		

Lesson 2: Organic Chemistry				
1-2 days	Lesson	SE, pp. 224–235; *TE, pp. 294– 299	Screens 1–15	
1	Review	SE, pp. 236–237; *TE, p. 300		
гау	Assessment		<sup>◊</sup> Lesson 2 Quiz	
(Optional)	Enrichment	People in Science, SE, pp. 238– 239; *TE, pp. 302–303		
			<sup>†</sup> Quick Lab: Natural vs. Synthetic Fibers	
(Optional)	Labs		<sup>†</sup> Quick Lab: Investigate Organic Molecules	
			<sup>†</sup> Exploration Lab: Investigate Carbon Bonding	
Lesson 3:	Nuclear Reac	tions		
1-2 days	Lesson	SE, pp. 240–253; *TE, pp. 312– 318	Screens 1–17	
1 dov	Review	SE, pp. 254–255; *TE, p. 319		
гоау	Assessment		<sup>◊</sup> Lesson 3 Quiz	
(Onting al)	Laba		<sup>†</sup> Quick Lab: Modeling Isotopes and Radioactive Decay	
(Optional)	Lads		<sup>†</sup> Quick Lab: Modeling a Nuclear Chain Reaction	
Unit 4 Review and Assessment				
1 day	Review	SE, pp. 258–262; *TE, pp. 320– 322	Online Unit Self Quiz	
1 day	Assessment		<sup>◊</sup> Unit 4 Test	

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# Unit 5: Solutions, Acids, and Bases

SE = 5	Pacing GuideSE = Student Edition Interactive WorktextTE = Teacher Edition				
Days	Activity Type	Print	Digital		
Unit 5 Op Lesson 1:	ener Solutions				
1-2 days	Big Idea	SE, pp. 263–265; *TE, pp. 332– 333			
	Lesson	SE, pp. 266–273; *TE, pp. 342– 345	Screens 1–12		
1	Review	SE, pp. 274–275; *TE, p. 346			
гау	Assessment		<sup>◊</sup> Lesson 1 Quiz		
(Optional)	Labs		<ul> <li><sup>†</sup> Quick Lab: Investigate Solutions</li> <li><sup>†</sup> Quick Lab: Solution Concentration</li> <li><sup>†</sup> Exploration Lab: Investigate Solubility</li> </ul>		

Lesson 2: Acids, Bases, and Salts			
1-2 days	Lesson	SE, pp. 276–287; *TE, pp. 356– 361	Screens 1–18
1 day	Review	SE, pp. 288–289; *TE, p. 362	
	Assessment		<sup>◊</sup> Lesson 2 Quiz
(Optional)	Enrichment	S.T.E.M., SE, pp. 290–293; *TE, pp. 364–367	
(Optional)			<sup>†</sup> Quick Lab: Household Acids and Bases
	Labs		<sup>†</sup> Quick Lab: Making Salt
			<sup>†</sup> Exploration Lab: Acids, Bases, and Fruit Oxidation
Lesson 3: Measuring pH			
1-2 days	Lesson	SE, pp. 294–303; *TE, pp. 376– 380	Screens 1–14
1 day	Virtual Lab		Screens 1–13
1 day	Review	SE, pp. 304–305; *TE, p. 381	
	Assessment		$^{\diamond}$ Lesson 3 Quiz
(Optional)	Labs		<sup>†</sup> Quick Lab: Determining pH Levels
			<sup>†</sup> Quick Lab: Investigating Respiration with Chemical Indicators
Unit 5 Review and Assessment			
1 day	Review	SE, pp. 308–312; *TE, pp. 382– 384	Online Unit Self Quiz
1 day	Assessment		<sup>◊</sup> Unit 5 Test

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