

Correlation to Show Compatibility of *iScience* - Physical Science with the Next Generation Science Standards Performance Expectations and Disciplinary Core Ideas

iScience provides optimal flexibility for the initial implementation of the Next Generation Science Standards (NGSS) into your curriculum. This correlation to the Performance Expectations and Disciplinary Core Ideas will help guide and inform your curriculum decisions as you transition the NGSS into your science instruction.

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Skill Practice	ETS1.B (secondary to MS-PS1-6), ETS1.C (secondary to MS-PS1-6), ETS1.B (secondary to MS-PS3-3)	NOS19
Lab	ETS1.B (secondary to MS-PS1-6), ETS1.C (secondary to MS-PS1-6), ETS1.B (secondary to MS-PS3-3)	NOS28-29

Chapter 1 • Describing Motion

Chapter Opener	PS2.A (MS-PS2-2)	TE: SCB 6E
1. Position and Motion	PS2.A (MS-PS2-2)	8-15 TE: DI 11; GQ 10, 11, 12; TD 9; VL 10
Launch Lab	PS2.A (MS-PS2-2)	9
MiniLab	PS2.A (MS-PS2-2)	11
Lesson Review #7	PS2.A (MS-PS2-2)	14
How It Works	PS2.A (MS-PS2-2), MS-PS4-3, PS4.C (MS-PS4-3)	15
2. Speed and Velocity		16-25
3. Acceleration		26-33

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Chapter 2 • Laws of Motion		
Chapter Opener	PS2.A (MS-PS2-1), PS2.B (MS-PS2-4)	TE: IM 42H; SCB 42E,F
1. Gravity and Friction	MS-PS2-2, MS-PS2-4, PS2.B (MS-PS2-4)	44-52 TE: TD 53; DI 47; VL 47; GQ 47
Launch Lab	MS-PS2-5	45
Science & Society	MS-PS2-4, PS2.B (MS-PS2-4)	52
2. Newton's First Law	MS-PS2-2, PS2.A (MS-PS2-2)	53-59 TE: TD 57; GQ 55, 56
Launch Lab	MS-PS2-5, PS2.B (MS-PS2-3), PS2.B (MS-PS2-5)	54
MiniLab	MS-PS2-2, PS2.A (MS-PS2-2)	57
3. Newton's Second Law	MS-PS2-2, PS2.A (MS-PS2-2)	60-68 TE: TD 61, 63; DI 63; GQ 62, 63; VL 63
Skill Practice	MS-PS2-2	60
MiniLab	MS-PS2-2, PS2.A (MS-PS2-2)	64
Skill Practice	MS-PS2-2, PS2.A (MS-PS2-2)	68

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
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Chapter 2 • Laws of Motion, continued

4. Newton's Third Law	MS-PS2-1, PS2.A (MS-PS2-1)	69-75 TE: TD 69, 71, 75; GQ 70, 71, 72; DI 71, 73; VL 72
Launch Lab	PS2.A (MS-PS2-1)	70
MiniLab	MS-PS2-1	74
Lesson Review #6,9	MS-PS2-1	75
Lab	MS-PS2-2, PS2.A (MS-PS2-1), PS2.A (MS-PS2-2)	76-77
Chapter Review #11,15	PS2.A (MS-PS2-2)	81

Chapter 3 • Work and Simple Machines

1. Work and Power		86-93
2. Using Machines		94-101
3. Simple Machines		102-111

Chapter 4 • Forces and Fluids

1. Pressure and Density of Fluids		121-130
2. The Buoyant Force		131-138
3. Other Effects of Fluid Forces		139-145
MiniLab	MS-PS1-3	157
Nature of Science	MS-PS1-3	156-157 TE: DI 157; VL 156

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Chapter 5 • Energy and Energy Resources		
Chapter Opener	PS3.C (MS-PS3-2)	TE: SCB 158E
1. Forms of Energy	ETS1.B (secondary to MS-PS1-6), MS-PS3-1, MS-PS3-2, PS3.A (MS-PS3-1), PS3.A (MS-PS3-2), PS3.B (MS-PS3-5), PS3.C (MS-PS3-2), ETS1.B (secondary to MS-PS3-3)	160-167 TE: CS 165; CIS 165; GQ 162, 163, 164; DI 163; TD 161, 163
Launch Lab	MS-PS3-4, MS-PS3-5, PS3.B (MS-PS3-5)	161
MiniLab	PS3.B (MS-PS3-5), PS3.C (MS-PS3-2)	164
Lesson Review #5,3	MS-PS3-1, PS3.C (MS-PS3-2)	166
2. Energy Transformations	MS-PS3-2, MS-PS3-5, PS3.A (MS-PS3-1), PS3.B (MS-PS3-5)	168-175 TE: VL 170; TI 171; TD 169, 173; GQ 170
MiniLab	MS-PS3-1, PS3.A (MS-PS3-1), PS3.A (MS-PS3-2)	173
Skill Practice	MS-PS3-2, MS-PS3-5, PS3.A (MS-PS3-1), PS3.A (MS-PS3-2), PS3.B (MS-PS3-5), PS3.C (MS-PS3-2)	175
3. Energy Resources	MS-PS1-3	176-185
Lab	PS3.B (MS-PS3-5)	186-187

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
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Chapter 6 • Thermal Energy

Chapter Opener	PS3.A (secondary to MS-PS1-4), MS-PS3-4, PS3.A (MS-PS3-3)(MS-PS3-4), PS3.B (MS-PS3-4), PS3.B (MS-PS3-3)	TE: GQ 194; SCB 194E; IM 194H
1. Thermal Energy, Temperature, and Heat	MS-PS1-4, PS3.A (secondary to MS-PS1-4), MS-PS3-4, PS3.A (MS-PS3-1), PS3.A (MS-PS3-2), PS3.A (MS-PS3-3)(MS-PS3-4), PS3.B (MS-PS3-3)	196-203 TE: TD 199; DI 201; GQ 196, 197, 198, 199, 200; RS 199, 201; VL 198, 201
Skill Practice	PS3.A (secondary to MS-PS1-4), MS-PS3-3, PS3.B (MS-PS3-3)	203
MiniLab		
2. Thermal Energy Transfers	MS-PS1-4, PS3.A (secondary to MS-PS1-4), MS-PS3-3, PS3.B (MS-PS3-4), PS3.B (MS-PS3-3)	204-213 TE: TD 207, 209; GQ 205, 206, 207, 208, 209
MiniLab	MS-PS1-4, MS-PS3-4	209
3. Using Thermal Energy		214-219
Lab	ETS1.B (secondary to MS-PS1-6), MS-PS3-3, ETS1.A (secondary to MS-PS3-3), ETS1.B (secondary to MS-PS3-3)	220-221
Chapter Review #10,11	PS3.A (secondary to MS-PS1-4), PS3.A (MS-PS3-3)(MS-PS3-4), PS3.B (MS-PS3-4)	225

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Chapter 7 • Foundations of Chemistry		
Chapter Opener	PS1.A (MS-PS1-2)(MS-PS1-3)	TE: IM 228H
1. Classifying Matter	PS1.A (MS-PS1-1), PS1.A (MS-PS1-2)(MS-PS1-3), PS1.B (MS-PS1-2)(MS-PS1-3)(MS-PS1-5)	230-238 TE: GQ 233, 236; VL 234; DI 233; RS 236
2. Physical Properties	MS-PS1-4, PS1.A (MS-PS1-2)(MS-PS1-3), PS1.A (MS-PS1-4)	239-247 TE: DI 241, 243, 245; TD 239, 241; VL 241; GQ 241
Skill Practice	PS1.A (MS-PS1-2)(MS-PS1-3)	247
3. Physical Changes	MS-PS1-5, PS1.A (MS-PS1-2)(MS-PS1-3), PS1.A (MS-PS1-4)	248-254 TE: DI 251; GQ 250, 251; VL 250
MiniLab	PS1.A (MS-PS1-4)	251
Skill Practice	PS1.A (MS-PS1-2)(MS-PS1-3)	254
4. Chemical Properties and Changes	MS-PS1-1, MS-PS1-2, MS-PS1-5, PS1.A (MS-PS1-1), PS1.A (MS-PS1-2)(MS-PS1-3), PS1.B (MS-PS1-2)(MS-PS1-3)(MS-PS1-5), PS1.B (MS-PS1-5)	255-261 TE: DI 257, 259; TD 255; GQ 256, 258
Lab	PS1.A (MS-PS1-2)(MS-PS1-3)	262-263
Chapter Review #14	PS1.A (MS-PS1-4)	267

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
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Chapter 8 • States of Matter

Chapter Opener	PS1.A (MS-PS1-4), PS3.A (secondary to MS-PS1-4), PS3.A (MS-PS3-3)(MS-PS3-4)	TE: IM 270H; SCB 270E-F
1. Solids, Liquids, and Gases	MS-PS1-4, PS1.A (MS-PS1-2)(MS-PS1-3), PS1.A (MS-PS1-4), PS1.A (MS-PS1-1), PS2.B (MS-PS2-3)	272-280 TE: DI 277; TD 273, 275, 279; GQ 275 278; RS 279; VL 274, 276, 278; TA 275
Launch Lab	MS-PS1-4, PS1.A (MS-PS1-4)	273
2. Changes in State	MS-PS1-4, MS-PS1-5, PS1.A (MS-PS1-2)(MS-PS1-3), PS1.A (MS-PS1-4), PS3.A (secondary to MS-PS1-4), MS-PS3-2, PS3.A (MS-PS3-2, PS3.A (MS-PS3-3)(MS-PS3-4))	281-290 TE: DI 285, 287; VL 283, 285, 287; GQ 282, 283, 284, 285, 287; TD 283
Launch Lab	MS-PS1-4, PS1.A (MS-PS1-4)	282
MiniLab	MS-PS1-4	288
Skill Practice	MS-PS1-4, PS1.A (MS-PS1-4)	290
3. The Behavior of Gases	PS1.A (MS-PS1-4)	291-297
Lab	MS-PS1-4, PS1.A (MS-PS1-4)	298-299

Chapter 9 • Understanding the Atom

1. Discovering Parts of an Atom	PS2.B (MS-PS2-5)	312-324 TE: TD 317
2. Protons, neutrons, and Electrons-How Atoms Differ		325-333
Inquiry Lab		334-335

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
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Chapter 10 • The Periodic Table

1. Using the Periodic Table		344-353
MiniLab	PS1.A (MS-PS1-1)	349
2. Metals	MS-PS1-3, MS-PS1-5	354-361 TE: RWS 457; GQ 259
3. Nonmetals and Metalloids		362-369

Chapter 11 • Elements and Chemical Bonds

1. Electrons and Energy Levels	PS1.A (MS-PS1-1)	380-388 TE: GQ 382
2. Compounds, Chemical Formulas, and Covalent Bonds	MS-PS1-1, PS1.A (MS-PS1-1), PS1.B (MS-PS1-2)(MS-PS1-3)(MS-PS1-5)	389-396 TE: VL 393; DI 391; GQ 390
Launch Lab	MS-PS1-2, PS1.A (MS-PS1-1), PS1.B (MS-PS1-2)(MS-PS1-3)(MS-PS1-5)	390
MiniLab	MS-PS1-1, PS1.B (MS-PS1-2)(MS-PS1-3)(MS-PS1-5)	394
Skill Practice	MS-PS1-1	396
3. Ionic and Metallic Bonds		397-403

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
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Chapter 12 • Chemical Reactions and Equations

Chapter Opener	MS-PS1-1, PS1.A (MS-PS1-1), PS1.B (MS-PS1-2)(MS-PS1-3)(MS-PS1-5)	TE: IM 416H
1. Understanding Chemical Reactions	MS-PS1-2, MS-PS1-3, MS-PS1-5, PS1.A (MS-PS1-1), PS1.B (MS-PS1-2)(MS-PS1-3)(MS-PS1-5), PS1.B (MS-PS1-5), PS1.B (MS-PS1-6)	418-428 TE: TD 419; VL 420, 421, 425; DI 421, 423; GQ 420, 424, 425; CS 423
Launch Lab	MS-PS1-5, PS1.B (MS-PS1-5)	419
MiniLab	MS-PS1-1	423
Skill Practice	MS-PS1-2, PS1.B (MS-PS1-2)(MS-PS1-3)(MS-PS1-5)	428
2. Types of Chemical Reactions		429-434
How It Works	PS1.B (MS-PS1-6)	434
3. Energy Changes and Chemical Reactions	MS-PS1-6, PS1.B (MS-PS1-6)	435-441 TE: GQ 435, 437; DI 437; RS 437; VL 437
Launch Lab	MS-PS1-2, MS-PS1-6, PS1.B (MS-PS1-6)	436
Chapter Review #9,10	PS1.B (MS-PS1-5)	447

Chapter 13 • Mixtures, Solubility, and Acid/Base Solutions

1. Substances and Mixtures		452-459
2. Properties of Solutions		460-469
3. Acid and Base Solutions		470-477

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Chapter 14 • Carbon Chemistry		
Chapter Opener	MS-PS1-1	TE: IM 486H; SCB 486E
1. Elemental Carbon and Simple Organic Compounds	MS-PS1-1, PS1.A (MS-PS1-1)	488-497 TE: VL 491, 492, 493; DI 491
Science & Society	MS-PS1-3, PS1.A (MS-PS1-1)	497
Launch Lab	MS-PS1-1	488
MiniLab	MS-PS1-1	494
2. Other Organic Compounds	MS-PS1-1, MS-PS1-3, PS1.A (MS-PS1-1)	498-506 TE: DI 503; TD 503, 505; GQ 405; VL 503, 504
Launch Lab	PS1.A (MS-PS1-1)	499
MiniLab	PS1.A (MS-PS1-1)	503
3. Compounds of Life	MS-PS1-1	507-513 TE: DI 511; TD 511
Inquiry Lab		514-515
Chapter Review #18	MS-PS1-3	519

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Chapter 15 • Waves		
Chapter Opener	PS4.A (MS-PS4-1), PS4.B (MS-PS4-2)	TE: IM 526H; SCB 526E
1. What are waves?	MS-PS4-3, PS4.A (MS-PS4-2), PS4.A (MS-PS4-2), PS4.B (MS-PS4-2), PS4.C (MS-PS4-3)	528-537 TE: RWS 535; RS 535; VL 534; GQ 535
Lesson Review #7	PS4.A (MS-PS4-2)	536
2. Wave Properties	MS-PS4-1, PS4.A (MS-PS4-1), PS4.A (MS-PS4-2)	538-545 TE: DI 541, 543 GQ 539, 541, 542, 543; RS 543; VL 540
MiniLab	PS4.A (MS-PS4-1)	541
Skill Practice	MS-PS4-1, PS4.A (MS-PS4-1)	545
3. Wave Interactions	ETS1.A (secondary to MS-PS3-3), MS-PS4-2, PS4.B (MS-PS4-2)	546-553 TE: CIS 553; DI 549; GQ 548, 550; RWS 553; VL 549
MiniLab	MS-PS4-2, PS4.B (MS-PS4-2)	549
Lesson Review #8	ETS1.A (secondary to MS-PS3-3)	553
Lab	PS4.A (MS-PS4-1)	554-555
Chapter Review #23	PS4.A (MS-PS4-1)	559

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
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Chapter 16 • Sound

Chapter Opener	MS-PS4-2, PS4.A (MS-PS4-2)	TE: IM 562H
1. Producing and Detecting Sound	PS4.A (MS-PS4-2)	564-571 TE: TD 565
2. Properties of Sound Waves	PS4.A (MS-PS4-1)	572-581 TE: DI 575; GQ 573, 575
3. Using Sound Waves	ETS1.A (secondary to MS-PS3-3), MS-PS4-2, PS4.C (MS-PS4-3)	582-589 TE: DI 585, 587; VL 586; GQ 583; TD 583 584; RWS 589
Launch Lab	MS-PS4-2	583
Lab	ETS1.C (secondary to MS-PS1-6), ETS1.A (secondary to MS-PS3-3)	590-591

Chapter 17 • Electromagnetic Waves

Chapter Opener	PS4.B (MS-PS4-2), PS4.C (MS-PS4-3)	TE: SCB 598E,F
1. Electromagnetic Radiation	PS4.B (MS-PS4-2)	600-607 TE: GQ 601
How It Works	PS4.B (MS-PS4-2)	607
2. The Electromagnetic Spectrum	MS-PS4-3, PS4.C (MS-PS4-3)	608-613
3. Using Electromagnetic Waves	MS-PS4-3, PS4.C (MS-PS4-3)	614-623 TE: GQ 615, 616, 617; DI 617, 619; VL 617

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Chapter 18 • Light		
Chapter Opener	MS-PS4-2; PS4.B (MS-PS4-2)	TE: IM 632H; SCB 632E,F
1. Light, Matter, and Color	MS-PS4-2, PS4.B (MS-PS4-2)	634-641 TE: DI 637; GQ 634, 636, 637, 638; TD 635, 637; VL 637; LM 636; RWS 639
MiniLab	PS4.B (MS-PS4-2)	638
Lesson Review #9	PS4.B (MS-PS4-2)	640
2. Reflection and Mirrors	MS-PS4-2	642-648 TE: GQ 644; TD 645; VL 643
MiniLab	MS-PS4-2	645
Skill Practice	MS-PS4-2	648
3. Reflection and Lenses	PS4.B (MS-PS4-2)	649-659 TE: DI 651, 653; GQ 650, 651, 653, 654; TD 649, 651, 653, 655; VL 653, 654, 655
Launch Lab	PS4.B (MS-PS4-2)	650
MiniLab	PS4.B (MS-PS4-2)	652
4. Optical Technology	MS-PS4-3, PS4.C (MS-PS4-3)	660-667 TE: GQ 666; VL 666
Lab	ETS1.B (secondary to MS-PS1-6), ETS1.C (secondary to MS-PS1-6), ETS1.A (secondary to MS-PS3-3), ETS1.B (secondary to MS-PS3-3), MS-PS4-2, PS4.B (MS-PS4-2)	668-669

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Chapter 19 • Electricity		
Chapter Opener	MS-PS2-5, PS2.B (MS-PS2-3), PS2.B (MS-PS2-5)	TE: IM 676H
1. Electric Charge and Electric Forces	MS-PS2-5, PS2.B (MS-PS2-3), PS2.B (MS-PS2-5)	678-688 TE: DI 681, 683; GQ 680, 681; VL 681; RS 687; TD 679
Launch Lab	MS-PS2-5, PS2.B (MS-PS2-5)	679
MiniLab	MS-PS2-5, PS2.B (MS-PS2-3), PS2.B (MS-PS2-5)	682
Lesson Review #5	PS2.B (MS-PS2-3)	687
How It Works	PS2.B (MS-PS2-3)	688
2. Electric Current		689-697
3. Describing Circuits		698-705
Lab	MS-PS2-3	706-707

Lesson/Feature Title	Performance Expectations & Disciplinary Core Ideas	Pages
Chapter 20 • Magnetism		
Chapter Opener	PS2.B (MS-PS2-3), PS2.B (MS-PS2-5)	TE: SCB 714E; IM 714H
1. Magnets and Magnetic Fields	MS-PS2-3, MS-PS2-5, PS2.B (MS-PS2-3), PS2.B (MS-PS2-5)	716-725 TE: DI 719, 723; GQ 718
MiniLab	PS2.B (MS-PS2-5)	721
Lesson Review #7	PS2.B (MS-PS2-3)	724
Science & Society	PS2.B (MS-PS2-5)	725
2. Making Magnets Using Electric Current		726-733
Launch Lab	MS-PS2-5, PS2.B (MS-PS2-5)	727
3. Making Electric Current with Magnets		734-741
Launch Lab	MS-PS2-5, PS2.B (MS-PS2-5)	735
MiniLab	MS-PS2-3	730
MiniLab	MS-PS2-3	737
Lab	ETS1.B (secondary to MS-PS1-6), ETS1.C (secondary to MS-PS1-6), MS-PS2-3, ETS1.A (secondary to MS-PS3-3), ETS1.B (secondary to MS-PS3-3)	742-743