

Science Fusion
Module C: The Human Body
Homeschool Pacing Guide

Options for Instruction: Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

Note: Many of the Labs require specialized scientific equipment. Please check the materials list in the TE.

Unit 1: Human Body Systems

Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print	Digital
Unit 1 Opener			
Lesson 1: Introduction to Body Systems			
1-2 days	Big Idea	SE, pp. 1–3; *TE, pp. 14–15	
	Lesson	SE, pp. 4–11; *TE, pp. 24–27	Screens 1–10
1 day	Review	SE, pp. 12–13; *TE, p. 28	
1 day	Assessment		◊ Lesson 1 Quiz
(Optional)	Labs		† Quick Lab: Balancing Act † Quick Lab: Body Systems: Their Structures and Functions

Lesson 2: The Skeletal and Muscular Systems			
1-2 days	Lesson	SE, pp. 14–25; *TE, pp. 38–43	Screens 1–16
1 day	Virtual Lab		Screens 1–12
1 day	Review	SE, pp. 26–27; *TE, p. 44	
1 day	Assessment		◊ Lesson 2 Quiz
(Optional)	Labs		† Quick Lab: Power in Pairs † Quick Lab: Speed of a Reflex † Exploration Lab: A Closer Look at Muscles
Lesson 3: The Circulatory and Respiratory Systems			
1-2 days	Lesson	SE, pp. 28–41; *TE, pp. 54–60	Screens 1–14
1 day	Virtual Lab		Screens 1–13
1 day	Review	SE, pp. 42–43; *TE, p. 61	
1 day	Assessment		◊ Lesson 3 Quiz
1 day	Enrichment	People in Science, SE, pp. 44–45; *TE, pp. 62–63	
(Optional)	Labs		† Quick Lab: Build a Model Lung † Quick Lab: Clogged Arteries
Lesson 4: The Digestive and Excretory Systems			
1-2 days	Lesson	SE, pp. 46–55; *TE, pp. 72–76	Screens 1–13
1 day	Review	SE, pp. 56–57; *TE, p. 77	
1 day	Assessment		◊ Lesson 4 Quiz
(Optional)	Labs		† Quick Lab: Bile Function † Quick Lab: Peristalsis Race † Quick Lab: Mechanical Digestion † S.T.E.M. Lab: Modeling a Kidney

Lesson 5: The Nervous and Endocrine Systems			
1-2 days	Lesson	SE, pp. 58–69; *TE, pp. 86–91	Screens 1–14
1 day	Review	SE, pp. 70–71; *TE, p. 92	
1 day	Assessment		◊ Lesson 5 Quiz
1 day	Enrichment	S.T.E.M., SE, pp. 72–75; *TE, pp. 94–97	
(Optional)	Labs		† Quick Lab: Negative Feedback † Quick Lab: Measuring Reaction Time † Exploration Lab: Mapping Sensory Receptors
Lesson 6: The Reproductive System			
1-2 days	Lesson	SE, pp. 76–85; *TE, pp. 106–110	Screens 1–14
1 day	Review	SE, pp. 86–87; *TE, p. 111	
1 day	Assessment		◊ Lesson 6 Quiz
(Optional)	Labs		† Quick Lab: Life Grows On † Quick Lab: Egg Protection Engineering
Unit 1 Review and Assessment			
1 day	Video-Based Project		A Prosthetic Hand
1 day	Review	SE, pp. 90–96; *TE, pp. 112–115	Online Unit Self Quiz
1 day	Assessment		◊ Unit 1 Test

* The digital Teacher’s Edition can be accessed through the Online Teacher Digital Management System at the Lesson Level.

TE: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

† Lab Manuals can be accessed through the Online Teacher Digital Management System at the Lesson Level.

Lab Manuals: Lesson Level Resources > Lesson Inquiry Resources > Lab Manuals

† Lab Datasheets can be accessed through the online Student Edition at the lesson level.
Lab Datasheets: Lesson Level Resources > Lab Datasheet

◇ Online Assessments can be assigned to students through the Online Teacher Digital Management System. After you have assigned a Lesson Quiz or Unit Test, the assignment will appear on your student's account in the Things to Do section. Students can then take the test online, and it will be scored automatically.

Lesson Quiz = Lesson Level Resources > Lesson Assessment > Lesson Quiz

Unit Test = Unit Level Resources > Unit Assessment > Unit Test

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Unit 2: Human Health

Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print	Digital
Unit 2 Opener			
Lesson 1: The Immune System			
1-2 days	Big Idea	SE, pp. 97–99; *TE, pp. 126–127	
	Lesson	SE, pp. 100–107; *TE, pp. 136–139	Screens 1–14
1 day	Virtual Lab		Screens 1–13
1 day	Review	SE, pp. 108–109; *TE, p. 140	
1 day	Assessment		◊ Lesson 1 Quiz
1 day	Enrichment	Think Science, SE, pp. 110–111; *TE, pp. 142–143	
(Optional)	Labs		† Quick Lab: How Does Skin Provide Protection? † Quick Lab: Memory Cells † Quick Lab: Mucus Lining † Exploration Lab: Modeling the Immune Response

Lesson 2: Infectious Disease			
1-2 days	Lesson	SE, pp. 112–121; *TE, pp. 152–156	Screens 1–10
1 day	Virtual Lab		Screens 1–15
1 day	Review	SE, pp. 122–123; *TE, p. 157	
1 day	Assessment		◊ Lesson 2 Quiz
(Optional)	Labs		† Quick Lab: Passing the Cold † Quick Lab: Spreading a Disease † Exploration Lab: Killing Bacteria
Lesson 3: Nutrition and Fitness			
1-2 days	Lesson	SE, pp. 124–133; *TE, pp. 166–170	Screens 1–13
1 day	Review	SE, pp. 134–135; *TE, p. 171	
1 day	Assessment		◊ Lesson 3 Quiz
(Optional)	Labs		† Quick Lab: Investigate Food Labels † Quick Lab: The Effects of Exercise on Pulse and Breathing Rate
Unit 2 Review and Assessment			
1 day	Video-Based Project		Robotic Assist
1 day	Review	SE, pp. 138–142; *TE, pp. 172–174	Online Unit Self Quiz
1 day	Assessment		◊ Unit 2 Test

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Lab Manuals: Lesson Level Resources > Lesson Inquiry Resources > Lab Manuals

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Lesson Quiz = Lesson Level Resources > Lesson Assessment > Lesson Quiz

Unit Test = Unit Level Resources > Unit Assessment > Unit Test