

Unit 1: Natural Selection and Evolution
Pacing Guide using Inspire Science Life Science Unit 4
1 day = 1 hour period

*Optional activities are indicated in **RED**. Skip these activities to gain more time in the following units which are longer.

Day	Lesson	Resources
1	Module 1 Module Opener Module 1 Lesson 1: Cat Eyes Science Probe Module 1 Lesson 1: Encounter the Phenomenon	Interactive Presentation Module Vocabulary List Module Pretest Interactive Presentation Interactive Presentation
2	Module 1 Lesson 1: Explain the Phenomenon (CER) Module 1 Lesson 1: Investigation - Crack the Code	Interactive Presentation Interactive Presentation
3	Module 1 Lesson 1: Read About - How Does DNA affect traits? Module 1 Lesson 1: Lab - Model DNA	Interactive Presentation Reading Essentials Foldables Interactive Presentation
4	Module 1 Lesson 1: Read About - How does DNA affect traits? Module 1 Lesson 1: 3D Thinking Question	Interactive Presentation Interactive Presentation

	Module 1 Lesson 1: Investigation - Transcription	Interactive Presentation
5	Module 1 Lesson 1: Read About - Types of RNA Module 1 Lesson 1: 3D Thinking Question Module 1 Lesson 1: Collect Evidence - Part A	Interactive Presentation Interactive Presentation Revisit CER from beginning of lesson
6	Module 1 Lesson 1: Investigation - Mutation Telephone Module 1 Lesson 1: Read About - How can a trait change? Module 1 Lesson 1: Collect Evidence - Part B	Interactive Presentation Interactive Presentation Revisit CER from beginning of lesson
7	Module 1 Lesson 1: A Closer Look: Why So Blue? Optional Module 1 Lesson 1: Read About - What happens when a mutation occurs?	Interactive Presentation Interactive Presentation
8	Module 1 Lesson 1: Investigation - Mutation Classification Module 1 Lesson 1: 3D Thinking Question Module 1 Lesson 1: Collect Evidence - Part C Module 1 Lesson 1: Science and Society - When Asthma Attacks Optional	Interactive Presentation Interactive Presentation Revisit CER from beginning of lesson Interactive Presentation

9	<p>Module 1 Lesson 1: Lesson Review</p> <p>Module 1 Lesson 1: Lesson Check</p> <p>Module 1 Lesson 1: Review CER</p>	<p>Interactive Presentation</p> <p>Lesson Check</p>
10	<p>Module 1 Lesson 2: Tree Snails Science Probe</p> <p>Module 1 Lesson 2: Encounter the Phenomenon</p> <p>Module 1 Lesson 2: Explain the Phenomenon (CER)</p>	<p>Interactive Presentation</p> <p>Interactive Presentation</p> <p>Interactive Presentation</p>
11	<p>Module 1 Lesson 2: Lab - Classroom Variations</p> <p>Module 1 Lesson 2: Read About - What are variations?</p>	<p>Interactive Presentation</p> <p>Reading Essentials Foldables</p> <p>Interactive Presentation</p>
12	<p>Module 1 Lesson 2: Lab - Population Variation</p> <p>Module 1 Lesson 2: Read About - Effects of Variations</p> <p>Module 1 Lesson 2: Collect Evidence - Part A</p>	<p>Interactive Presentation</p> <p>Collaboration Kit for supplies</p> <p>Interactive Presentation</p> <p>Revisit CER from beginning of lesson</p>
13	<p>Module 1 Lesson 2: Read About - History Connection</p> <p>Module 1 Lesson 2: 3D Thinking Question</p>	<p>Interactive Presentation</p> <p>Interactive Presentation</p>

	Module 1 Lesson 2: Collect Evidence - Part B	Revisit CER from the beginning of lesson
14	Module 1 Lesson 2: Read a Scientific Text Optional Module 1 Lesson 2: Careers in Science Optional	Interactive Presentation Interactive Presentation
15	Module 1 Lesson 2: Read About - What are adaptations? Module 1 Lesson 2: Lab - Survival of the Fittest	Interactive Presentation Interactive Presentation
16	Module 1 Lesson 2: Read About - How do adaptations affect organisms? Module 1 Lesson 2: Collect Evidence - Part C Module 1 Lesson 2: Lesson Review	Interactive Presentation Revisit CER from the beginning of lesson Interactive Presentation
17	Module 1 Lesson 2: Lesson Check Module 1 Lesson 2: Review CER Module 1 Lesson 3: Corn Connection Science Probe	Interactive Presentation CER Interactive Presentation
18	Module 1 Lesson 3: Encounter the Phenomenon Module 1 Lesson 3: Explain the Phenomenon - CER	Interactive Presentation Interactive Presentation

	Module 1 Lesson 3: Lab - Developing Dogs	Interactive Presentation
19	Module 1 Lesson 3: Read About - How can traits be directly influenced? Module 1 Lesson 3: 3D Thinking Question Module 1 Lesson 3: Collect Evidence - Part A	Interactive Presentation Reading Essentials Foldables Interactive Presentation Revisit CER from the beginning of lesson
20	Module 1 Lesson 3: Read About - What is genetic engineering? Module 1 Lesson 3: Read a Scientific Text - Consumer Info about Food Optional Module 1 Lesson 3: A Closer Look: Gene Therapy Optional	Interactive Presentation Interactive Presentation Interactive Presentation
21	Module 1 Lesson 3: Investigation - Changing the Future	Interactive Presentation
22	Module 1 Lesson 3: Investigation - Changing the Future Module 1 Lesson 3: Collect Evidence - Part B	Interactive Presentation Revisit CER from beginning of lesson
23	Module 1 Lesson 3: Lesson Review Module 1 Lesson 3: Lesson Check	Interactive Presentation Lesson Check

	Module 1 Wrap Up	Module Wrap Up
24	Module 1 Test	
25	Module 2 Module Opener Module 2 Lesson 1: Endless Fossilibilities Science Probe Module 2 Lesson 1: Encounter the Phenomenon	Interactive Presentation Module Vocabulary List Module Pretest Interactive Presentation Interactive Presentation
26	Module 2 Lesson 1: Explain the Phenomenon - CER Module 2 Lesson 1: Lab - Return to Form	Interactive Presentation Interactive Presentation Collaboration Kit for supplies
27	Module 2 Lesson 1: Read About - How do fossils form? Module 2 Lesson 1: Investigation - Analyze the Age Module 2 Lesson 1: Read About - The Fossil Record	Interactive Presentation Reading Essentials Interactive Presentation Foldables Interactive Presentation
28	Module 2 Lesson 1: Read About - Environmental Change Module 2 Lesson 1: 3D Thinking Question Module 2 Lesson 1: Collect Evidence - Part A	Interactive Presentation Interactive Presentation Revisit CER from beginning of lesson

29	<p>Module 2 Lesson 1: Lab - It's Time for a Change</p> <p>Module 2 Lesson 1: Read About - How do fossils show change over time?</p> <p>Module 2 Lesson 1: 3D Thinking Question</p> <p>Module 2 Lesson 1 - Collect Evidence - Part B</p>	<p>Interactive Presentation</p> <p>Interactive Presentation</p> <p>Interactive Presentation</p> <p>Revisit CER from beginning of lesson</p>
30	<p>Module 2 Lesson 1: Read Scientific Text - Details of Evolutionary Transition from Fish to land Animals Revealed Optional</p> <p>Module 2 Lesson 1: STEM Careers Optional</p>	<p>Interactive Presentation</p> <p>Interactive Presentation</p>
31	<p>Module 2 Lesson 1: Lesson Review</p> <p>Module 2 Lesson 1: Lesson Check</p> <p>Module 2 Lesson 1: Review CER</p>	<p>Interactive Presentation</p> <p>Lesson Check</p> <p>CER</p>
32	<p>Module 2 Lesson 2: Fins and Flippers Science Probe</p> <p>Module 2 Lesson 2: Encounter the Phenomenon</p>	<p>Interactive Presentation</p> <p>Interactive Presentation</p>
33	<p>Module 2 Lesson 2: Explain the Phenomenon - CER</p> <p>Module 2 Lesson 2: Lab - Spoon Something Up</p>	<p>Interactive Presentation</p> <p>Interactive Presentation Collaboration Kit for supplies</p>

<p>34</p>	<p>Module 2 Lesson 2: Read About - Comparative Anatomy</p> <p>Module 2 Lesson 2: 3D Thinking Question</p> <p>Module 2 Lesson 2: Collect Evidence - Part A</p> <p>Module 2 Lesson 2: Read About - Analogous Structures</p>	<p>Interactive Presentation Reading Essentials Foldables</p> <p>Interactive Presentation</p> <p>Revisit CER from beginning of lesson</p> <p>Interactive Presentation</p>
<p>35</p>	<p>Module 2 Lesson 2: Investigation - Missing in Action</p> <p>Module 2 Lesson 2: Investigation - Developing Evolutionary Understanding</p>	<p>Interactive Presentation</p> <p>Interactive Presentation</p>
<p>36</p>	<p>Module 2 Lesson 2: Read About - What other way can you determine evolutionary relationships?</p> <p>Module 2 Lesson 2: 3D Thinking Question</p> <p>Module 2 Lesson 2: Collect Evidence - Part B</p> <p>Module 2 Lesson 2: Investigation - Evolving Your Knowledge</p>	<p>Interactive Presentation</p> <p>Interactive Presentation</p> <p>Revisit CER from beginning of lesson</p> <p>Interactive Presentation</p>
<p>37</p>	<p>Module 2 Lesson 2: Read About - Molecular Biology</p> <p>Module 2 Lesson 2: Collect Evidence - Part C</p>	<p>Interactive Presentation</p> <p>Revisit CER from beginning of lesson</p> <p>Interactive Presentation</p>

	Module 2 Lesson 2: A Closer Look - From Dinosaur to Bird Optional	
38	Module 2 Lesson 2: Lesson Review Module 2 Lesson 2: Lesson Check Module 2 Lesson 2: Review CER	Interactive Presentation Lesson Check CER
39	Module Wrap Up	
40	Module 2 Test	
41	Benchmark Review/Additional Time	
42	Benchmark Review/Additional Time	
43	Benchmark Review/Additional Time	
44	Benchmark Review/Additional Time	
45	Grade 8 Unit 1 Benchmark	