INSPIRE CALIFORNIA SCIENCE

GRADE- 1

CURRICULUM PACING GUIDE

Getting Started

- This pacing guide was designed to support teachers and parent educators in the implementation of the "Inspire California Science" curriculum from McGraw-Hill.

- Students will need the McGraw-Hill Consumable text and a student login for online materials such as videos, investigations and assessments. Website https://my.mheducation.com/login Username: Student first name and ID number (i.e. Stella95834) Password: Sutterpeak1

- Module assessments can be printed or assigned to take online. These are helpful to check for understanding and monitor student progress through the curriculum. Please discuss with your teacher if you would like your child to take the assessments and if you would like them assigned to take online or emailed to you as a pdf to print.

- This curriculum is available in hard copy or online. The online program includes accessibility options for students, including a read aloud feature for the textbook.   This feature is indicated with a speaker icon in the top corner of the online curriculum. The online student text can be accessed by clicking on "Browse Your Course" on the Dashboard under "Where Do you want to go?" and then clicking on "Program Resources: Course Materials". You can then choose which Unit you want to access.

- The textbook will indicate when you should access online materials (videos, additional activities, etc.). You can access them by logging in, click on "Browse Your Course", click on the Module and/or Lesson and then "Launch Presentation". You can scroll through the resources to find the one you want by clicking on "next resource" at the bottom.

Inspire California Science Unit One: Weeks 1-11		

Week #	Lessons	Unit Focus
1 **Module Opener:** Plant Structures and Functions	☐ Pages 1-6	1-ESS1-1 Use observations of the sun, moon, and starts to describe patterns that can be predicted.
2 & 3 **Lesson One:** Plant Parts **Essential Question:** What patterns can you find between different plants?	☐ Pages 7-24	1-LS1-1 Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow and meet their need.
4 & 5 **Lesson Two:** Functions of Plant Parts **Essential Question:** What do plant structures do?	☐ Pages 25-42	
6 **STEM Module Project and Wrap-Up** **Module Opener:** Plant Parents and Their Offspring	☐ Pages 43-50	1-PS4-3 Plan and conduct investigations to determine the effect of placing objects made with different materials in the path of a beam of light.
7 & 8 **Lesson One:** Plants and Their Parents **Essential Question:** How are plants similar to and different from their offspring?	☐ Pages 51-68	
9 & 10 **Lesson Two:** Plant Survival **Essential Question:** How do plants use their parts to meet their needs?	☐ Page 69-86	
11 **STEM Module Project and Wrap-Up** **Unit Two Module One Opener**	☐ Page 87-89 ☐ Page 1-6	

Inspire California Science Unit Two: Weeks 11-21

Week #	Lessons	Unit Focus
11 (cont.) **Module One Opener:** Animal Parents and Their Offspring	☐ Pages 1-6	1-LS1-1 Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow and meet their needs.
12 **Lesson One:** Animal Structures **Essential Question:** What structures do animals have?	☐ Pages 7-20	1-LS1-2 Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.
13 **Lesson Two:** Functions of Animal Structures **Essential Question:** What are the functions of difference animal body parts?	☐ Pages 21-34	1-LS3-1 Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.
14 **Lesson Three:** Animals and Their Parents **Essential Question:** How are animals similar to and different from their offspring?	☐ Pages 35-50	
15 & 16 **Lesson Four:** Animal Behaviors **Essential Question:** How does an animal's behavior help it survive?	☐ Pages 51-68	
17 **STEM Module Project and Wrap-Up** **Module Two Opener:** Communication	☐ Pages 69-71 ☐ Pages 72-76	

18 **Lesson One:** Animal Communication **Essential Question:** How do animals communicate?	☐ Pages 77-92	1-LS1-2 Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.
19 & 20 **Lesson Two:** Sound **Essential Question:** How are sounds made?	☐ Pages 93-112	1-PS4-1 Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.
21 **STEM Module Project and Wrap-Up** **Unit Three Module One Opener:** See Objects	☐ Pages 113-115 ☐ Pages 1-6	1-PS4-4 Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.
Inspire California Science Unit 3: Weeks 21-27		
22 **Lesson One:** Light **Essential Question:** Do we need light to see?	☐ Pages 7-20	K-2-ETS1-3 Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.
23 & 24 **Lesson Two:** Light and Materials **Essential Question:** How does light interact with materials?	☐ Pages 21-36	1-PS4-2 Make observations to construct an evidence-based account that objects in darkness can be seen only when illuminated. 1-PS4-3 Plan and conduct investigations to determine the effect of placing objects made with different materials in the path of a beam of light.
25 & 26 **Lesson Three:** Light Uses **Essential Question:** How do we use light to communicate?	☐ Pages 37-56	1-PS4-4 Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.
27 **STEM Module Project and Wrap-Up** (cont.)	☐ Pages 57-59	

Inspire California Science Unit 4: Weeks 27-23		
27 (cont.) **Module Opener:** Observe the Sky	☐ Pages 1-6	1-ESS1-1 Use observations of the sun, moon, and stars to describe patterns that can be predicted.
28 & 29 **Lesson One:** Objects in the Sky **Essential Question:** When can we see different objects in the sky?	☐ Pages 7-24	1-ESS1-2 Make observations at different times of year to related to the amount of daylight to the time of year.
30 **Lesson Two:** Day and Night Patterns **Essential Question:** How can you stay safe from the Sun?	☐ Pages 25-38	
31 & 32 **Lesson Three:** Day and Night Patterns **Essential Question:** How can you stay safe from the Sun?	☐ Pages 39-54	
33 **STEM Module Project and Wrap-Up**	☐ Pages 55-59	