INSPIRE CALIFORNIA SCIENCE

KINDERGARTEN

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 1-7		
Week #	Lessons	Unit Focus
1 **Module Opener**	☐ Pages 1-6	K-ESS3-1 Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live. K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive.
2 **Lesson One:** Living and Nonliving **Essential Question:** How can you tell if something is living?	☐ Pages 7-18	
3 **Lesson Two:** Plant and Animal Survival **Essential Question:** What do plants and animals need?	☐ Pages 19-30	
4 **Lesson Three:** Places Plants Live **Essential Question:** Where do plants live?	☐ Pages 31-40	
5 & 6 **Lesson Four (part 1):** Places Animals Live **Essential Question:** Where do animals live?	☐ Pages 41-54	
7 **STEM Module Project and Wrap-Up**	☐ Page 55-57	

Inspire California Science Unit Two: Weeks 8-17		
Week #	Lessons	Unit Focus
8 **Module One Opener**	☐ Pages 1-6	K-ESS2-2 Construct an argument supported by evidence for how plants and animals (including humans)

9 **Lesson One:** Plants Change Their Environment **Essential Question:** How do plants cause changes to their environment?	☐ Pages 7-18	can change the environment to meet their needs. K-ESS3-1 Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.
10 **Lesson Two:** Animals Change Their Environment **Essential Question:** How do animals cause changes to their environment?	☐ Pages 19-32	
11 & 12 **Lesson Three (part 1):** People Change Their Environment **Essential Question:** How do people cause changes to their environment?	☐ Pages 33-48	
13 **STEM Module Project and Wrap-Up**	☐ Pages 49-51	
14 **Module Two Opener**	☐ Pages 52-56	K-ESS3-3 Communicate solutions that will reduce the impact of humans on the land, water, air and/or other living things in the local environment. K-2-ETS1-1 Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.
15 **Lesson One:** Natural Resources **Essential Question:** How do we use natural resources?	☐ Pages 56-68	
16 **Lesson Two:** Reduce, Reuse, Recycle **Essential Question:** How can we help save the environment?	☐ Pages 69-81	

17 **STEM Module Project and Wrap-Up**	☐ Pages 82-85	
Inspire California Science Unit 3: Weeks 18-25		
18 **Module One Opener**	☐ Pages 1-6	K-ESS2-1 Use and share observations of local weather conditions to describe patterns over time K-ESS3-2 Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.
19 **Lesson One:** Describe Weather **Essential Question:** How do we measure and describe weather?	☐ Pages 7-18	
20 **Lesson Two:** Weather Patterns **Essential Question:** What weather patterns can we observe?	☐ Pages 19-26	
21 **Continue Lesson Two:** Weather Patterns **Essential Question:** What weather patterns can we observe?	☐ Pages 27-32	
22 **Lesson Three:** Natural Resources **Essential Question:** How do we use natural resources?	☐ Pages 33-44	
23 & 24 **Lesson Four (part 1):** Severe Weather **Essential Question:** How can we prepare for severe weather?	☐ Pages 45-60	
25 **STEM Module Project and Wrap-Up**	☐ Pages 61-63	

26 **Module Two Opener**	☐ Pages 64-68	K-PS3-1 Make observations to determine the effect of sunlight on Earth's surface. K-PS3-2 Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.
27 **Lesson One:** Sunlight on Earth's Surface **Essential Question:** How does the Sun affect Earth's surface?	☐ Pages 69-80	
28 & 29 **Lesson Two (part 1):** Protection from the Sun **Essential Question:** How can you stay safe from the Sun?	☐ Pages 81-94	
30 **STEM Module Project and Wrap-Up**	☐ Page 95-97	
Inspire California Science Unit 4: Weeks 31-36		
31 **Module Opener**	☐ Pages 1-6	K-PS2-1 Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object. K-PS2-2 Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull.
32 **Lesson One:** Pushes and Pulls **Essential Question:** What happens to an object that is pushed or pulled?	☐ Pages 7-18	
33 **Lesson Two:** Direction and Speed **Essential Question:** How do objects move?	☐ Pages 19-30	
34 & 35 **Lesson Three:** When Objects Collide **Essential Question:** What happens when objects touch or collide?	☐ Pages 31-44	
36 **STEM Module Project and Wrap-Up**	☐ Pages 45-47	