

Hello 5th Grader!

These are the directions for you to work on science at home. Please use this checklist as a guideline for science. These activities are similar to what would have been completed during in school sessions. Some of these can be looked up online through your student ebook! The links for the online activities will be found on Class Link. Email the CBCSD Help Desk at helpdesk@cbcscsd.org if issues arise getting logged on. The steps to get logged onto your ebook are at the bottom of this document.

Unit 5 - Earth Science

Module 1: How does gravity affect matter on Earth?		
✓	Pages	Activity/Description
	n/a	Watch 'Defining Gravity' video from Crash Course Kids - bit.ly/defining-gravity-video
	273	Can You Explain It?
	274-277	Exploration 1 - Is Earth a Sphere? *Do the "Apply What You Know" if you have access to a golf ball, basketball, and beach ball.
	282-286	Exploration 2 - What is Gravity? *Use the ebook if possible - it has videos and interactive parts to see!
	287-288	Take it Further - Engineering a Parachute *Do if you have access to a plastic grocery bag, string, tissue paper, napkins, a small toy, scissors OR Take it Further - Life in Space *found in the ebook (go to Unit 5, Lesson 1 to find)
	289	Lesson Check *Do your best to answer question #1 only

Module 2: What daily and yearly patterns can be observed in space?		
✓	Pages	Activity/Description
	294-296	Exploration 1 - What is on the Move? *Use the ebook if possible - it has videos and interactive parts to see!
	299-302	Exploration 2 - What Causes Day and Night? *Use the ebook if possible - it has videos and interactive parts to see!
	303-305	Hands-On Activity - How Does a Shadow Grow? *Do if you have access to a pencil, modeling clay, poster board, ruler, a marker, and rocks
	314-318	Exploration 1 - What Patterns Do the Sun and Moon Cause During the Year?
	322, 324-326	Exploration 2 - Different Stars, Different Seasons
	n/a	Extra Videos You Can Watch (Optional):

		Earth's Rotation and Revolution - http://bit.ly/2TKgklg Phases of the Moon - http://bit.ly/2wOpfzA Constellations - http://bit.ly/2WbfpCb Constellation Locations - http://bit.ly/2W9s9tl
	309-311 329-331	Lesson Check/Lesson Roundup

Module 3: How is the brightness of a star related to its distance from Earth?

✓	Pages	Activity/Description
	334-337	Exploration 1 - What are the Sun's Characteristics?
	339 342-344	Exploration 2 - How Does Distance Affect the Size of Objects?
	345-348	Exploration 3 - Why Does the Sun Appear So Large and Bright?
	338	Hands-On - Apply What You Know - Sun Project
	355-358	Lesson Check/Lesson Roundup

Module 4: What are Earth's major systems?

✓	Pages	Activity/Description
	368-372	Exploration 1 - Systems and Cycles: Geosphere
	373-374	Exploration 2 - Atmosphere: The Big Picture
	378-382	Exploration 3 - Systems and Cycles: Atmosphere and Biosphere
	383-384	Discover More - Volcanologist
	385-387	Lesson Check *Do your best to answer these questions!

Module 5: How do Earth's systems interact?

✓	Pages	Activity/Description
	389	Can You Explain It?
	390-393	Exploration 1 - How the Atmosphere and Hydrosphere Interact
	396-399	Exploration 2 - How the Atmosphere and Geosphere Interact
	400-403	Exploration 3 - The Atmosphere, Geosphere, and Hydrosphere Shape Earth

	404-406	Exploration 4 - How the Biosphere, Geosphere, and Atmosphere Interact
	407-408	Discover More - Measuring Weather Across the Spheres
	409-410	Lesson Check *Do your best to answer these questions!

Module 6: What is the role of the oceans in Earth's systems?		
✓	Pages	Activity/Description
	413	Can You Explain It?
	414-416	Exploration 1 - All About Oceans *Use the ebook online for some cool animations!
	420-423	Exploration 2 - Oceans Affect Landforms
	424-425	Exploration 3 - Oceans Affect Climate
	429-432	Exploration 4 - Oceans Affect Ecosystems *Use the ebook online for some cool animations!
	n/a	Water Distribution Videos Where We Get Our Fresh Water - http://bit.ly/2Qb7KQl Water, Water Everywhere - http://bit.ly/2Kb7KZl Earth's Water Distribution - http://bit.ly/33cNHXe
	435-436	Lesson Check *Do your best to answer these questions!

Module 7: How Does Resource Use Affect Earth?		
✓	Pages	Activity/Description
	n/a	Conservation of Our Natural Resources - http://bit.ly/2U4wivE *Watch the video, thinking about what pollution looks like around the world
	448-450	Exploration 1 - Earth's Resources
	n/a	Brain Pop - Sortify Resources - http://bit.ly/2TZj8jG *Identify and sort resource types
	n/a	Oil Spills Affecting Marine Life - http://bit.ly/2TMpLHe How Do We Clean Up Oil Spills - http://bit.ly/33eDPML What's Being Done? Great Pacific Garbage Patch - http://bit.ly/2lMcMig
	463-464	Discover More - Choose one option: -Marine Biologist -Explore Online - Sustainable Forests -Explore Online - Overfishing

	465-466	Lesson Check *Do to the best of your ability!
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Module 8: How can people protect the environment through the conservation of natural resources?		
✓	Pages	Activity/Description
	469	Can You Explain It?
	470-479	Exploration 1 - What Are the Three R's?
	n/a	Trash Activity *Make a list of all of the items that you throw away in two days. *Sort your list into what is biodegradable and non-biodegradable. *What could you do to reduce your non-biodegradable list?
	480-485	Exploration 2 - Going Green
	n/a	Planetary Heroes *Research a person who has made a positive contribution to the environment. What things are they doing that you can also do?
	491-492	Discover More - Boyan Slat -Video - http://bit.ly/33cMiQu
	496-497	Protecting a Sphere *Do your best to complete this performance task!
	493-494	Lesson Check *Do your best to answer these questions!

EBook Directions
<ol style="list-style-type: none"> Go on Class Link. Click on the HMH icon it looks like this → Log in using the following information: Username: Your full email (ex: jrosenberg776@cbcsd.org) Password: cb plus your 6 digit student ID number (ex: cb414776) If you do not know your student ID, you are able to see this on PowerSchool. Email helpdesk@cbcsd.org if you have any issues. You will click into the same unit and lesson as your student book. [Use the ebook whenever there is an 'explore online' icon in your book!]

