CURRICULUM MAP

Subject: Science Grade: 3rd Quarter: 2nd Teacher(s): Anderson, Fajardo, Canar, Canar, Washington, Maka

Month Oct/ Nov/ Dec/ Jan	WEEK 1 _____	WEEK 2 _____	WEEK 3 _____	WEEK 4 _____	WEEK 5 _____
GDOE Standards	3.4.2 Identify some ways that human activities affect weather. 3.4.3 Describe ways that human beings protect themselves from adverse weather conditions. EXAMPLE(S): How do people on Guam prepare for a typhoon?	3.4.3 Describe ways that human beings protect themselves from adverse weather conditions. EXAMPLE(S): How do people on Guam prepare for a typhoon? 3.4.4 Use pictures and words to describe natural phenomena.	3.4.4 Use pictures and words to describe natural phenomena. 3.4.5 Observe and illustrate the different features of our island. EXAMPLE(S): a model of our island's topography showing the high and low points	3.5.1 Describe some ways in which technological developments in fields such as transportation or communication have influenced society. EXAMPLE(S): Discuss how inventions, such as cars, computers, and electric motors, have affected the way we live.	3.5.1 Describe some ways in which technological developments in fields such as transportation or communication have influenced society. EXAMPLE(S): Discuss how inventions, such as cars, computers, and electric motors, have affected the way we live.
Concept (CCSS Standards)	CCSS ELA Standards: 3.RI.7 Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur). 3.RI.8 Describe the logical connection between particular sentences and paragraphs in a text (e.g., comparison, cause/effect, first/second/third in a sequence).	CCSS ELA Standards: 3.RI.7 Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur). 3.RI.8 Describe the logical connection between particular sentences and paragraphs in a text (e.g., comparison, cause/effect, first/second/third in a sequence).	CCSS ELA Standards: 3.RI.7 Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur). 3.RI.8 Describe the logical connection between particular sentences and paragraphs in a text (e.g., comparison, cause/effect, first/second/third in a sequence).	CCSS ELA Standards: 3.RI.3 Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect. 3.RI.6 Distinguish their own point of view from that of the author of a text. 3.W.1a-d Write opinion pieces on topics or texts, supporting a point of view with reasons: A) Introduce the topic or text they are writing about, state an opinion, and create an organizational structure that lists reasons. B) Provide reasons that support the opinion; C) Use linking words and phrases (e.g., because, therefore, since, for example) to connect opinion and reasons; D) Introduce a topic and group related information together; include illustrations when useful to aiding comprehension.	CCSS ELA Standards: 3.RI.3 Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect. 3.RI.6 Distinguish their own point of view from that of the author of a text. 3.W.1a-d Write opinion pieces on topics or texts, supporting a point of view with reasons: A) Introduce the topic or text they are writing about, state an opinion, and create an organizational structure that lists reasons. B) Provide reasons that support the opinion; C) Use linking words and phrases (e.g., because, therefore, since, for example) to connect opinion and reasons; D) Introduce a topic and group related information together; include illustrations when useful to aiding comprehension.

Skills/Key Vocabulary	Big Idea 1, Quarter 2 The student will be able to demonstrate their knowledge of how weather and living conditions affect each other. Essential Question(s): What are some ways people prepare for natural disasters? How can natural and human activities affect weather? How do the features of our island affect our lives? Vocabulary: weather, adverse weather conditions, precipitation, natural phenomena, natural features, landforms, coast, mountains, hill, rivers, plateau, stratus, cirrus, cumulous	Big Idea 1, Quarter 2 The student will be able to demonstrate their knowledge of how weather and living conditions affect each other. Essential Question(s): What are some ways people prepare for natural disasters? How can natural and human activities affect weather? How do the features of our island affect our lives? Vocabulary: weather, adverse weather conditions, precipitation, natural phenomena, natural features, landforms, coast, mountains, hill, rivers, plateau, stratus, cirrus, cumulous	Big Idea 1, Quarter 2 The student will be able to demonstrate their knowledge of how weather and living conditions affect each other. Essential Question(s): What are some ways people prepare for natural disasters? How can natural and human activities affect weather? How do the features of our island affect our lives? Vocabulary: weather, adverse weather conditions, precipitation, natural phenomena, natural features, landforms, coast, mountains, hill, rivers, plateau, stratus, cirrus, cumulous	Big Idea 2, Quarter 2 The student will be able to analyze the advantages and disadvantages of technology. Essential Question(s): How does technology affect your life? What would the world be like without technology? Vocabulary: technology, technological developments, transportation, communication, benefits, risks, cultural values	Big Idea 2, Quarter 2 The student will be able to analyze the advantages and disadvantages of technology. Essential Question(s): How does technology affect your life? What would the world be like without technology? Vocabulary: technology, technological developments, transportation, communication, benefits, risks, cultural values
Assessment	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist
Unit/ Chapter	Earth Science, Weather Harcourt Science: pp D26-D52	Earth Science, Weather Harcourt Science: pp D26-D52	Earth Science, Weather Harcourt Science: pp D26-D52	Technology	Technology
Resources/ Materials	• Harcourt Science Grade 3: pp. D26–D52 • Lesson on Natural Disasters that Embeds Writing • Introduction to Clouds (Video) • Sizing Up The Clouds (Teacher's guide to activity) • How does a Hurricane Form?	Resources & Links to Technology • Harcourt Science Grade 3: pp. D26–D52 • Lesson on Natural Disasters that Embeds Writing • Introduction to Clouds (Video) • Sizing Up The Clouds (Teacher's guide to activity) • How does a Hurricane Form?	Resources & Links to Technology • Harcourt Science Grade 3: pp. D26–D52 • Lesson on Natural Disasters that Embeds Writing • Introduction to Clouds (Video) • Sizing Up The Clouds (Teacher's guide to activity) • How does a Hurricane Form?	Resources & Links to Technology • What 2 Do on the Web • How to be Safe on the Internet • CyberSmart • Technology Uses at Home	Resources & Links to Technology • What 2 Do on the Web • How to be Safe on the Internet • CyberSmart • Technology Uses at Home

CURRICULUM MAP

Subject:Science Grade: 3rd Quarter: 2nd Teacher(s): Anderson, Canar, Fajardo, Lim, Maka, Washington

Month Oct/ Nov/ Dec/ Jan	WEEK 6 _____	WEEK 7 _____	WEEK 8 _____	WEEK 9 _____
GDOE Standards	3.5.3 Recognize that the decision to use a particular technology depends on the expected benefits, anticipated risks, and cultural values. EXAMPLE(S): Compare and contrast the proa (outrigger canoe) to the fishing boats of today.	3.1.1 Generate a question that can be answered by science and develop a hypothesis based on observations.	3.1.2 Answer questions by safely collecting and analyzing data.	3.1.3 Demonstrate the ability to work cooperatively while respecting the ideas of others and communicating one's own conclusions about findings.
Concept (CCSS Standards)	3.RI.3 Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect. 3.RI.6 Distinguish their own point of view from that of the author of a text. 3.W.1a-d Write opinion pieces on topics or texts, supporting a point of view with reasons: A) Introduce the topic or text they are writing about, state an opinion, and create an organizational structure that lists reasons. B) Provide reasons that support the opinion; C) Use linking words and phrases (e.g., because, therefore, since, for example) to connect opinion and reasons; D) Introduce a topic and group related information together; include illustrations when useful to aiding comprehension.	3.W.7 Conduct short research projects that build knowledge about a topic.	3.W.7 Conduct short research projects that build knowledge about a topic.	3.W.7 Conduct short research projects that build knowledge about a topic.

Skill/ Key Vocabulary	Big Idea 2, Quarter 2 The student will be able to analyze the advantages and disadvantages of technology. Essential Question(s): How does technology affect your life? What would the world be like without technology? Vocabulary: technology, technological developments, transportation, communication, benefits, risks, cultural values	Big Idea 3, Quarter 2 The student will be able to use the scientific method to conduct an experiment. Essential Question: What are the different elements of the scientific method? Why is each element important? Vocabulary: scientific method, questions, hypothesis, observations, collection, data, analyzing, conclusion, mass, matter, investigation, physical and chemical changes	Big Idea 3, Quarter 2 The student will be able to use the scientific method to conduct an experiment. Essential Question: What are the different elements of the scientific method? Why is each element important? Vocabulary: scientific method, questions, hypothesis, observations, collection, data, analyzing, conclusion, mass, matter, investigation, physical and chemical changes	Big Idea 3, Quarter 2 The student will be able to use the scientific method to conduct an experiment. Essential Question: What are the different elements of the scientific method? Why is each element important? Vocabulary: scientific method, questions, hypothesis, observations, collection, data, analyzing, conclusion, mass, matter, investigation, physical and chemical changes
Assessment	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___ Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___ Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___ Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist	___Test ___Quiz ___Report ___Product ___Essay ___Presentation ___Rubric ___ Q & A ___Project ___Experiment ___Portfolio ___Investigation ___Performance checklist
Unit/ Chapter	Technology	Harcourt Science pp. x-xvii Scientific Method	Harcourt Science pp. x-xvii Scientific Method	Harcourt Science pp. x-xvii Scientific Method
Resources/ Materials	Resources & Links to Technology • What 2 Do on the Web • How to be Safe on the Internet • CyberSmart • Technology Uses at Home	Resources & Links to Technology • Harcourt Science Grade 3: pp. x–xvii • Experimental Design • Nature of Science Game	Resources & Links to Technology • Harcourt Science Grade 3: pp. x–xvii • Experimental Design • Nature of Science Game	Resources & Links to Technology • Harcourt Science Grade 3: pp. x–xvii • Experimental Design • Nature of Science Game