

**Winslow Township Middle School
Remote Learning Instruction Plan
Science Department**

Science Grade 7		
Week 1: Earth Systems Learning Target: Students will be able to identify and describe the processes of the water cycle and carbon cycle and explain their effects on climatic patterns.		
NJSLA Standards:	Computer-based All assignments will be given through Google Classroom.	Paper-based
MS-ESS2-1 MS-ESS2-4	<ul style="list-style-type: none"> <input type="checkbox"/> ReadWorks: “The History of Planet Earth” or “Earth Science-The Weather” (1 day) <input type="checkbox"/> Guided Reading: Textbook pgs 468-478 or Reading Essentials Chapter 13; Lesson 1 (1 day) <input type="checkbox"/> Water Cycle Diagram (1 day) <input type="checkbox"/> Study Jams:Water Cycle(1 day) 	<ul style="list-style-type: none"> <input type="checkbox"/> ReadWorks article: “The History of Planet Earth” or “Earth Science-The Weather” (printed) (1 day) <input type="checkbox"/> Guided Reading : Chapter 13; Lesson 1 Reading Essentials or Textbook pgs 468-478 (2 days) <input type="checkbox"/> Content Practice A or B (1 day) printed <input type="checkbox"/> Water Cycle Info document (printed) (1 day)
Accommodations for students with individualized needs:		
<p>Students’ needs will be addressed on an individual basis using a variety of modalities. Accommodations will be made for students that take into consideration individual need and their written plans, such as: differentiated materials, modified text complexity, extended time as needed, adjusted directions, graphic organizers, multi-sensory presentation of materials, and timelines for work completion (incl. breaking down assignments into chunks).</p> <p>The lessons allow students to work at their own pace and have been informed to reach out to staff with questions in regard to content and/or technology. Based on student responses, lessons have been created on what materials they have available. Lessons include specific directions, and graphics to help increase comprehension (i.e. completing graphic organizers, leveled reading passages, vocabulary assistance and closed captioning). Based on remote learning students are encouraged to take breaks as needed. Additional resources have been included in the planning of each lesson (i.e. IXL, Readworks, EdPuzzle, Achieve, etc...).</p>		

**Winslow Township Middle School
Remote Learning Instruction Plan
Science Department**

Week 2: Earth Systems

Learning Target: Analyze the how Earth’s geosystems operate modeling the flow of energy and cycling matter with the different systems.

NJSLA Standards:	Computer-based All assignments will be given through Google Classroom.	Paper-based
MS-ESS2-1 MS-ESS2-4	<ul style="list-style-type: none"> <input type="checkbox"/> ReadWorks: “A Hole in the Planet” or “What a Dump” (1 day) <input type="checkbox"/> IXL Level H. AA.1 : (2 days) <input type="checkbox"/> Guided Reading; Chapter 13; lesson 2 Textbook pgs 481-488 or Reading Essentials pdf (1 day) <input type="checkbox"/> Edpuzzle: Earth Systems Interact. Video and online quiz (1 day) 	<ul style="list-style-type: none"> <input type="checkbox"/> ReadWorks article: “A Hole in the Planet” or “What a Dump” (printed) (1 day) <input type="checkbox"/> Guided Reading: Chapter 13 Lesson 2 Textbook pgs 481-489 or Reading Essentials Pdf (2 days) <input type="checkbox"/> School to Home: The Geosphere(printed) (2 days)

Accommodations for students with individualized needs:

Students’ needs will be addressed on an individual basis using a variety of modalities. Accommodations will be made for students that take into consideration individual need and their written plans, such as: differentiated materials, modified text complexity, extended time as needed, adjusted directions, graphic organizers, multi-sensory presentation of materials, and timelines for work completion (incl. breaking down assignments into chunks).

The lessons allow students to work at their own pace and have been informed to reach out to staff with questions in regard to content and/or technology. Based on student responses, lessons have been created on what materials they have available. Lessons include specific directions, and graphics to help increase comprehension (i.e. completing graphic organizers, leveled reading passages, vocabulary assistance and closed captioning). Based on remote learning students are encouraged to take breaks as needed. Additional resources have been included in the planning of each lesson (i.e. IXL, Readworks, EdPuzzle, Achieve, etc...).

**Winslow Township Middle School
Remote Learning Instruction Plan
Science Department**

Week 3: Describing Weather

Learning Target: Students will identify and explain the processes that cause cycling of water into and out of the atmosphere and their connections to our planet’s weather patterns.

NJSLA Standards:	Computer-based All assignments will be given through Google Classroom.	Paper-based
	<ul style="list-style-type: none"> ❑ ReadWorks: “Is Earth Getting Warmer?” or “Water, Water, Everywhere!” article and comprehension questions. (1 day) ❑ Guided Reading Activity and Lesson 1 Review Textbook pgs 615-621 or Reading Essentials Chapter 17 pgs. 303-308 (2 days) ❑ IXL:Level G.T2 and T3 (2 day) 	<ul style="list-style-type: none"> ❑ ReadWorks article:”Is Earth Getting Warmer?” or “Water, Water, Everywhere!” article and comprehension questions (printed) (2 days) ❑ Guided Reading Activity and Lesson 1 Review Textbook pgs 615-621 or Reading Essentials pdf (2 days) ❑ Content Practice A or Content Practice B(printed) (1 day)

Accommodations for students with individualized needs:

Students’ needs will be addressed on an individual basis using a variety of modalities. Accommodations will be made for students that take into consideration individual need and their written plans, such as: differentiated materials, modified text complexity, extended time as needed, adjusted directions, graphic organizers, multi-sensory presentation of materials, and timelines for work completion (incl. breaking down assignments into chunks).

The lessons allow students to work at their own pace and have been informed to reach out to staff with questions in regard to content and/or technology. Based on student responses, lessons have been created on what materials they have available. Lessons include specific directions, and graphics to help increase comprehension (i.e. completing graphic organizers, leveled reading passages, vocabulary assistance and closed captioning). Based on remote learning students are encouraged to take breaks as needed. Additional resources have been included in the planning of each lesson (i.e. IXL, Readworks, EdPuzzle, Achieve, etc...).

**Winslow Township Middle School
Remote Learning Instruction Plan
Science Department**

Week 4 : Weather Patterns

Learning Target: Identify and describe what drives weather patterns including severe weather.

NJSLA Standards:	Computer-based All assignments will be given through Google Classroom.	Paper-based
	<ul style="list-style-type: none"> ❑ ReadWorks: "Introduction to thunder" and "Introduction to lightning" articles and reflection question questions. (2 day) ❑ IXL Level DD1 & DD4 : (1 day) ❑ Guided Reading Activity and Lesson Review Text pgs 622-632. Questions pg 632 (2 days) 	<ul style="list-style-type: none"> ❑ ReadWorks: "Introduction to thunder" and "Introduction to lightning" articles and reflection question questions. (printed) (2 days) ❑ Guided Reading Activity and Lesson Review Textbook pgs 622-632. Questions pg 632 (2 days) ❑ Weather Patterns Article and map (printed) (1 day)

Accommodations for students with individualized needs:

Students' needs will be addressed on an individual basis using a variety of modalities. Accommodations will be made for students that take into consideration individual need and their written plans, such as: differentiated materials, modified text complexity, extended time as needed, adjusted directions, graphic organizers, multi-sensory presentation of materials, and timelines for work completion (incl. breaking down assignments into chunks).

The lessons allow students to work at their own pace and have been informed to reach out to staff with questions in regard to content and/or technology. Based on student responses, lessons have been created on what materials they have available. Lessons include specific directions, and graphics to help increase comprehension (i.e. completing graphic organizers, leveled reading passages, vocabulary assistance and closed captioning). Based on remote learning students are encouraged to take breaks as needed. Additional resources have been included in the planning of each lesson (i.e. IXL, Readworks, EdPuzzle, Achieve, etc...).