

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

Science Grade 8

Week 1: People and the Environment

Learning Target: Identify the relationship between human population growth and resource availability.

NJSLA Standards:	Computer-based All assignments will be given through Google Classroom.	Paper-based
MS-ESS3-2 MS-ESS3-3 MS-ESS3-4	<ul style="list-style-type: none"> <input type="checkbox"/> People and the Environment guided reading (1 day) <input type="checkbox"/> Content Review and Check for understanding (1 day) <input type="checkbox"/> Edpuzzle and online quiz: human population growth (1 day) <input type="checkbox"/> Population growth graphing analysis (1 day) <input type="checkbox"/> Lesson quiz via google form (1 day) 	<ul style="list-style-type: none"> <input type="checkbox"/> Content Practice A (1 day) <input type="checkbox"/> Guided Reading Activity and Lesson Review Textbook pgs 718-722 (1 day) <input type="checkbox"/> Content Practice B (1 day) <input type="checkbox"/> NewsELA: "Environmental Impacts of Agricultural changes" (printed) (1 day) <input type="checkbox"/> Lesson Quiz A (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...).

Week 2: Impacts on the Land

Learning Target: Analyze the impact of using the land as a resource and explore actions to protect the land

NJSLA Standards:	Computer-based All assignments will be given through Google Classroom.	Paper-based
MS-ETS1-1 MS-ETS1-2 MS-ETS1-3	<ul style="list-style-type: none"><input type="checkbox"/> Guided reading and outline pages 724 to 731 (2 days)<input type="checkbox"/> Lesson content practice (1 day)<input type="checkbox"/> Key concept builders (2) (1day)<input type="checkbox"/> Lesson Quiz (1 day)	<ul style="list-style-type: none"><input type="checkbox"/> Guided reading and outline pages 724 to 731 (2 days)<input type="checkbox"/> Lesson content practice (1 day)<input type="checkbox"/> Key concept builders (2) (1day)<input type="checkbox"/> Lesson Quiz (1 day)

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Week 3: Impacts on water

Learning Target: Analyze how humans use of water may affect water quality and identify possible actions that can prevent water pollution

NJSLA Standards:	Computer-based All assignments will be given through Google Classroom.	Paper-based
MS-ETS1-3 MS-ETS1-4	<ul style="list-style-type: none">❑ ReadWorks: “What’s the Big Deal About Water” and question set (1 day)❑ Guided Reading Activity and Lesson Review Textbook(Google form for lesson review answers) pgs 733-741 (2 days)❑ Edpuzzle Video and online quiz: Human impact on water (1 day)❑ IXL:Y1 (1 day)	<ul style="list-style-type: none">❑ ReadWorks: “What’s the Big Deal About Water” and question set (printed) (1 day)❑ Guided Reading Activity and Lesson Review Textbook pgs 733-741 (2 days)❑ Comprehension reading companions (2days)

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Week 4 : Impacts on the Atmosphere

Learning Target: identify different types of air pollution, how air pollution can affect human health, how the carbon cycle and global warming are related, and what can humans do to prevent air pollution.

NJSLA Standards:	Computer-based All assignments will be given through Google Classroom.	Paper-based
MS-ESS3-3 MS-ESS3-4 MS-ETS1-1	<ul style="list-style-type: none">❑ ReadWorks: "Climates Global Warming" (1 day)❑ IXL:EE1 (1 day)❑ Guided Reading Activity and Lesson Review Textbook(Google form for lesson review answers) pgs 742-749 (2 days)❑ Impacts on the Atmosphere -Content Practice (1 day)	<ul style="list-style-type: none">❑ ReadWorks article: "Climates Global Warming" (printed) (1 day)❑ Newsela-Activists recommend "natural climate solutions to save Earth-and questions (1day)❑ Guided Reading Activity and Lesson Review Textbook pgs 742-749 (2 days)❑ impacts on the Atmosphere -Content Practice (printed) (1 day)

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