

## Respect the Flags Lesson Plan

### Michigan Grade Level Content Expectations and Common Core State Standards

<i>Kindergarten</i>
<b>SCIENCE</b>
<p><b>Inquiry Analysis and Communication</b></p> <ul style="list-style-type: none"> <li>○ S.IA.00.12 Share ideas about science through purposeful conversation</li> <li>○ S.IA.00.13 Communicate and present findings of observations</li> </ul> <p><b>Inquiry Process</b></p> <ul style="list-style-type: none"> <li>○ S.IP.00.11 Make purposeful observation of the natural world using the appropriate senses</li> </ul>
<b>SOCIAL STUDIES</b>
<p><b>Public Discourse, Decision Making, and Citizens Involvement</b></p> <p>P4.2 Citizen Involvement</p> <ul style="list-style-type: none"> <li>○ 2 – P4.2.2 Participate in projects to help or inform others</li> </ul>
<b>ENGLISH LANGUAGE ARTS</b>
<p><b>Reading Standards for Informational Text (RI)</b></p> <p>Integration of Knowledge and Ideas</p> <ul style="list-style-type: none"> <li>○ RI.K.7—Use information gained from illustrations (e.g., maps, photographs) and words in a text to demonstrate understanding of the text (e.g., where, when why, and how key events occur).</li> </ul> <p><b>Writing Standards (W)</b></p> <p>Research to Build and Present Knowledge</p> <ul style="list-style-type: none"> <li>○ W.K.8—With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.</li> </ul> <p><b>Speaking and Listening Standards (SL)</b></p> <p>Comprehension and Collaboration</p> <ul style="list-style-type: none"> <li>○ SL.K.1— Participate in collaborative conversations with diverse partners about kindergarten topics and text with peers and adults in small and large groups.</li> <li>○ SL.K.3—Ask and answer questions in order to seek help, get information, or clarify something that is not understood.</li> <li>○ SL.K.6—Speak audibly and express thoughts, feelings, and ideas clearly.</li> </ul> <p><b>Language Standards (L)</b></p> <p>Conventions of Standard English</p> <ul style="list-style-type: none"> <li>○ L.K.1—Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.</li> </ul>

**1<sup>st</sup> Grade****SCIENCE****Inquiry Analysis and Communication**

- S.IA.01.12 Share ideas about science through purposeful conversation
- S.IA.01.13 Communicate and present findings of observations

**Inquiry Process**

- S.IP.01.11 Make purposeful observation of the natural world using the appropriate senses
- S.IP.01.12 Generate questions based on observations

**SOCIAL STUDIES****Public Discourse, Decision Making, and Citizens Involvement**

## P4.2 Citizen Involvement

- 2 – P4.2.2 Participate in projects to help or inform others

**ENGLISH LANGUAGE ARTS****Reading Standards for Informational Text (RI)**

## Integration of Knowledge and Ideas

- RI.1.6—Distinguish between information provided by pictures or other illustrations and information provided by the words in a text.

**Writing Standards (W)**

## Research to Build and Present Knowledge

- W.1.8—With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.

**Speaking and Listening Standards (SL)**

## Comprehension and Collaboration

- SL.1.1— Participate in collaborative conversations with diverse partners about grade 1 topics and text with peers and adults in small and large groups.
- SL.1.3—Ask and answer questions about what a speaker says in order to gather additional information or clarify something that is not understood.

**Language Standards (L)**

## Conventions of Standard English

- L.1.1—Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

**2<sup>nd</sup> Grade****SCIENCE****Inquiry Analysis and Communication**

- S.IA.02.12 Share ideas about science through purposeful conversation
- S.IA.02.13 Communicate and present findings of observations

**Inquiry Process**

- S.IP.02.11 Make purposeful observation of the natural world using the appropriate senses
- S.IP.02.12 Generate questions based on observations

**SOCIAL STUDIES****Public Discourse, Decision Making, and Citizens Involvement**

## P4.2 Citizen Involvement

- 2 – P4.2.2 Participate in projects to help or inform others

**ENGLISH LANGUAGE ARTS****Reading Standards for Informational Text (RI)**

## Integration of Knowledge and Ideas

- RI.2.7—Explain how specific images (e.g., a diagram showing how a machine works) contribute to and clarify a text.

**Writing Standards (W)**

## Research to Build and Present Knowledge

- W.2.8— Recall information from experience or gather information from provided sources to answer a question.

**Speaking and Listening Standards (SL)**

## Comprehension and Collaboration

- SL.2.1— Participate in collaborative conversations with diverse partners about grade 2 topics and text with peers and adults in small and large groups.
- SL.2.3—Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, or deepen understanding of a topic or issue.

**Language Standards (L)**

## Conventions of Standard English

- L.2.1—Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

## Lesson Outcome

Students will identify what color flags represent each utility company. They will learn that they need to respect the flags by leaving them alone and not touching them. They will also discuss and learn that the pipes and wires buried underground are represented by the flags and we should leave them alone to keep people safe when they are digging.

## Rationale / Purpose for Lesson

This lesson will provide students an opportunity to take a look at the flags marked by MISS Dig and to talk about how the pipes and wires are underground. Students will learn that if they pull the flags out that it can be dangerous and someone can get hurt if they start digging there and hit a pipe or wire buried underground. Finally, the worksheet will reinforce the idea that the colors of the flags represent each underground pipe or wire.

## Resources / Materials Required

- Print off one activity sheet below per student
- Crayons
- Pencil

## Anticipatory Set

Start out by discussing how you use electricity:

- by turning on the light switch.
- by turning on the TV.
- when your house gets warm in the winter you are using natural gas.
- when you turn on the faucet to wash your hands.

Discuss with the students how electricity, natural gas, and water get to their homes.

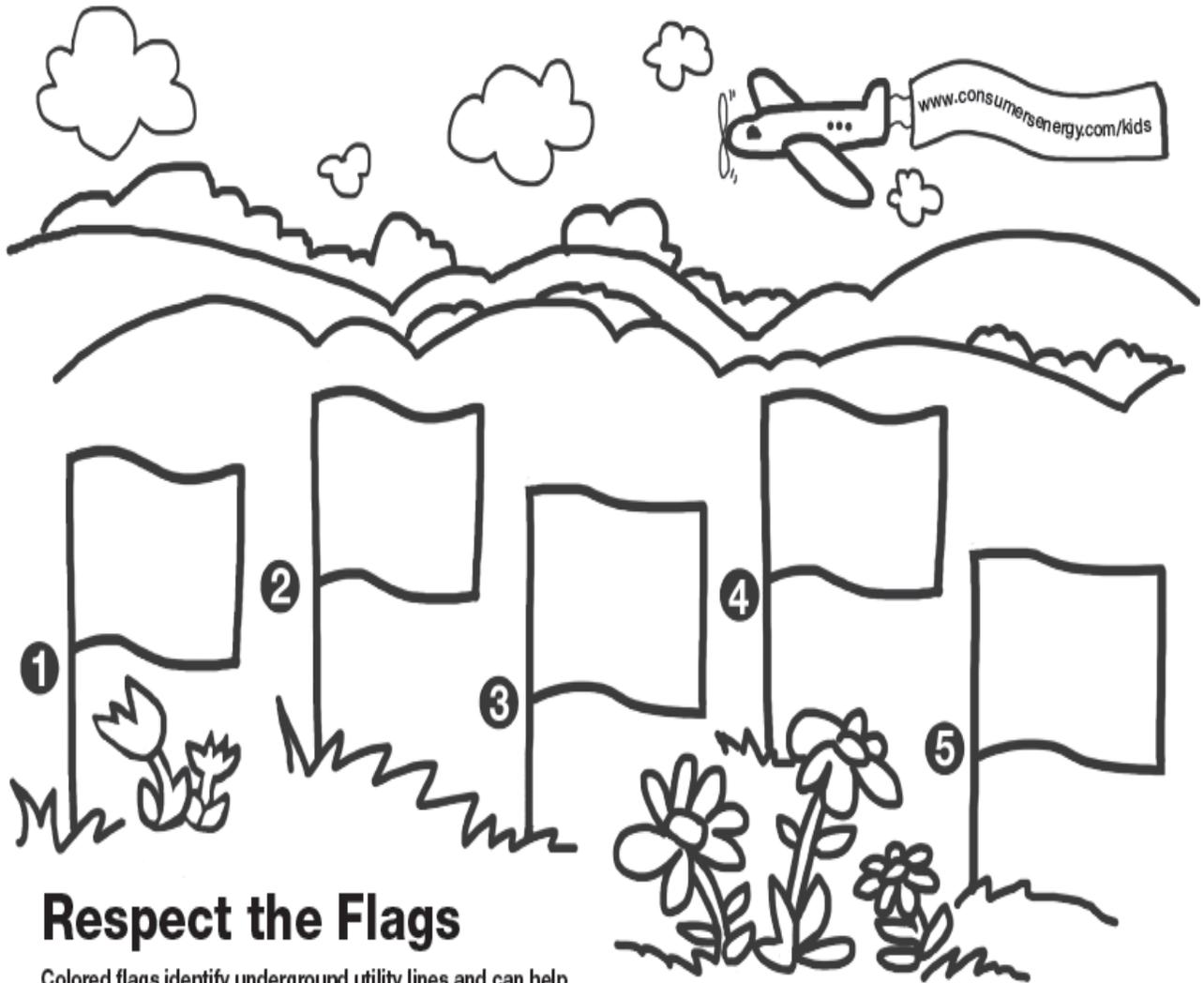
## Procedures

1. Have the students look at the handout and ask them why they think the flags are in the ground?
2. Why are the flags there? What is below them?
3. Discuss with them that the flags represent pipes and wires that are buried underground that bring electricity, gas, water, etc. to their house.
4. Give them some time to color in the flags based on the number/color code (younger students may need help reading this portion).
5. Then ask them to turn to a friend and talk about what they would do with these flags if they saw them in the ground in their neighborhood? *Answer: Leave them alone/don't touch them.*
6. After giving the students time to discuss the answer to the question, make sure to remind them that if they see any flags outside they need to leave them alone and don't touch them. If they pull them out of the ground then someone can hit the pipe or wire when they are digging with a shovel and they can get hurt.
7. Additional resources regarding the flags can be found at [www.missdig.net](http://www.missdig.net)

## Closure

1. Have students talk about how electricity, natural gas, and water get to their house again.
2. Remind students that the flags tell them where the pipes and wires are underground when someone is digging at their house or in their neighborhood.
3. Also, reinforce that we need to leave the flags alone that are marked so that no one gets hurt while digging by hitting a pipe or wire buried underground.

Name \_\_\_\_\_



## Respect the Flags

Colored flags identify underground utility lines and can help prevent a serious accident. Always leave them in the ground.

- ① Water (blue)   ② Electric (red)   ③ Natural Gas (yellow)   ④ Cable/Telephone (orange)   ⑤ Sewer (brown)