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**Adopt A Road**

Which road should we adopt?

#### Adapted from CPALMS Resource ID#: 70422

**Grade: K**

**Social Studies Benchmarks:**

**SS.K.E.1.4** Identify the difference between basic needs and wants.

**SS.K.C.2.1** Demonstrate the characteristics of being a good citizen.

**SS.K.G.2.1** Locate and describe places in the school and community.

**English/Language Arts Standards:**

**LAFS.K.RI.1.1** With prompting and support, ask and answer questions about key details in a text.

**LAFS.K.RI.3.7** With prompting and support, describe the relationship between illustrations and the text describe its key ideas. in which they appear (e.g., what person, place, thing, or idea in the text an illustration depicts).

**LAFS.K.W.3.8** With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.

**LAFS.K.SL.1.1** Participate in collaborative conversations with diverse partners about *kindergarten topics and texts* with peers and adults in small and larger groups.

* Follow agreed-upon rules for discussions (e.g., listening to others and taking turns speaking about the topics and texts under discussion).
* Continue a conversation through multiple exchanges.

For this decision-making lesson, students will discuss criteria for choosing the best road for their kindergarten class to adopt based on information provided from an environmental organization and Internet resources. Using this information, students will rank their choices and explain how they reached those decisions.

**Problem**

Which road should our class adopt?

**Alternatives**

What are the different roads?

**Criteria**

Traffic, wildlife, and litter

**Decision**

Which road did we adopt?

1. Read the letter from Adopt-A-Road to the students and discuss any unfamiliar vocabulary words. Discuss how taking care of wildlife and the environment is another way to be a good citizen. Ask if adopting a highway will take care of peoples and animals wants or needs (needs).
   1. Show the video on Adopt-A-Highway: <https://www.youtube.com/watch?v=htzcWeAsyp0>
   2. Talk about the different jobs that people were doing in the video. What kinds of skills do people need to have to do those jobs?
2. Display and discuss the photographs below of how animals and the environment are harmed by litter. Why would adopting a road help with this problem?
3. Use the following link for more research on how litter impacts wildlife:

<https://www.rspca.org.uk/adviceandwelfare/litter>

1. Reread the Adopt-A-Road letter to review the task. Remind students that they are to choose a road for the class to adopt and what this means.
2. Provide students with the decision-making matrix. To ensure understanding, the teacher should ask students about each heading and take notes for students to use during the decision-making process:
   * 1. **Traffic** - Ask students why this would be an important factor to consider in adopting a road. (Students should say that traffic can be dangerous and that safety would be an important issue when cleaning the road. Students could also consider when there is more traffic, there may be more garbage, which attracts more animals prone to putting their lives in danger.)
     2. **Amount of Wildlife** - Ask students why this is important to evaluate. (Students should think about areas that contain a heavy amount of wildlife vs. a small amount, what kinds of wildlife might be dangerous, etc.)
     3. **Amount of litter** - Ask students why this is important to consider. (What is different about an area with more litter vs. an area with less litter? How does this affect the environment and its habitat?)
3. Before putting students in groups, allow a few minutes for students to brainstorm independently on which road in their opinion would be the most ideal to adopt and why. (Note: Teachers can substitute the names of roads for those that are in the school’s community).
4. In teams of three or four, students work on the problem (figuring out the best road to adopt and why) and respond to the client using Letter Template 1 to present their findings to the client. A frame (see below) can also be used.

Guiding/reflective Questions

* Which road would be the best road to adopt?
* Why do you think that would be the best road?
* What category on the data set is the most important in planning your procedure?
* Why is this factor the most important to you?
* How do you know if you have an answer to the problem?
* Do you agree with your group's ideas? Why or why not?

Dear \_\_\_\_\_\_\_\_\_\_\_\_\_\_,

Here is how we ranked each choice for adopting a road:

#1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

We think our class should adopt \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. We based our decision on the following criteria: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The ideas we like the most about adopting a highway are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Thank you,

 



Extension/ideas:

* Have student groups present their decisions to the class and discuss how they decided which road to adopt. Create a poster that highlights the importance of adopting this particular road.
* Research which roads in the community are a part of the Adopt-A-Highway program. Involve parents to take pictures of these signs to share in class.
* Put it to work! Plan a clean up time for a safe, near-by area that allows students to contribute to the community as responsible citizens.
* Substitute symbols for criteria (e.g. cars instead of traffic lights; trash cans instead of frowny faces)

Differentiation:

* Reduce alternatives and/or criteria.
* Increase alternatives and/or criteria.
* Increase the number of pictures related to the alternatives and/or criteria.