



Transportation



GRADES
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Investigating the Methods of SOYBEAN TRANSPORTATION

TEACHER INFORMATION

Break up your class into three groups. Each group will be given a type of transportation to investigate. Students will use the pod to plate website at www.podtoplate.org to gather information about their topic. Each group will work together to gather and organize information. Discuss breaking up the project and assigning parts to group members with the class.

As a group they will present their findings to the class. You can incorporate technology into the presentation as much or as little as you want. Listed below are the requirements for each group presentation.

RIVER TRANSPORTATION GROUP:

Your job is to use the Pod to Plate website to investigate how soybeans are transported via a river. Your group will present your findings to the class.

Your presentation should include:

- A picture of a barge and a description that tells what a barge is made of, the size and the name of its parts.
- Explain why a barge is used for soybean transport.
- Explain how a barge is used to transport soybeans.
- Explain the locations where a barge takes the soybeans and what their purpose is at these locations.

IL Learning Standards: 1.B.2a, 1.B.2b, 1.B.2c, 1.C.2d, 3.A.2, 3.B.2a, 3.B.2b, 3.B.2d, 3.C.2a, 3.C.2b, 4.A.2a, 4.A.2b, 4.B.2a, 4.B.2b, 4.B.2c, 5.A.2a, 5.C.2b



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HIGHWAY TRANSPORTATION GROUP:

Your job is to use the Pod to Plate website to investigate how soybeans are transported via the highway. Your group will present your findings to the class.

Your presentation should include:

- A picture of a semi-truck and a description that tells the size and the name of its parts.
- Explain why a semi-truck is used for soybean transport.
- Explain how a semi-truck is used to transport soybeans.
- Explain the locations where a semi-truck takes the soybeans and what their purpose is at these locations.

RAILROAD TRANSPORTATION GROUP:

Your job is to use the Pod to Plate website to investigate how soybeans are transported via the railroad. Your group will present your findings to the class.

Your presentation should include:

- A picture of the types of train cars used for soybeans and a description that tells the size and the name of their parts.
- Explain why a train is used for soybean transport.
- Explain how a train is used to transport soybeans.
- Explain the locations where a train takes the soybeans and what their purpose is at these locations.

IL Learning Standards: 1.B.2a, 1.B.2b, 1.B.2c, 1.C.2d, 3.A.2, 3.B.2a, 3.B.2b, 3.B.2d, 3.C.2a, 3.C.2b, 4.A.2a, 4.A.2b, 4.B.2a, 4.B.2b, 4.B.2c, 5.A.2a, 5.C.2b



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