



Exploring Oil

Virtual Visit with the Louisiana Energy Office Team

Petroleum has a lot of energy in it. We use more petroleum than any other energy source, providing more than one-third of our energy. Play a petroleum-themed interactive quiz game via Kahoot!* Then student (and teacher) favorite, NEED's [Getting the Oil Out](#) activity! Will it be easier to bring up liquid with a long tubing system, or a short tubing system? A fun and excellent engineering visual for students to learn about the relationship between well depth and effort to recover resources. Then play [Petroleum Ponder](#) for students to learn just how many everyday items are made with petroleum, a real eye opener! Wrap the visit with Q&A.

Materials will only be needed for the *Getting the Oil Out* activity:

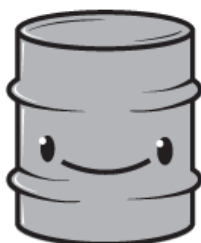
- A small cup of soda or chocolate milk
- A small cup of chocolate or caramel syrup
- 6 plastic drinking straws
- Tape
- Scissors
- Stopwatch (a timer on phone will work)
- A chair or stepstool to safely stand on

Tip: In case of spills we recommend covering carpet if not able to conduct this activity on a bare floor.

Preview Getting Oil Out activity: <https://youtu.be/2F6aoyrUiwQ>

Preview Petroleum Ponder activity: <https://youtu.be/qYESFTT4Nt8>

*Students will need a second device such as a computer or tablet to answer the Kahoot questions.



Presented by the Louisiana State Energy Office - www.dnr.louisiana.gov

Activities created by The NEED Project. All NEED curriculum is available for free PDF download at www.NEED.org