

Grade 1 Science

Lesson: 2-~~2~~

Unit: Energy in Our Lives

Topic: Safety

Lesson

- Show students one of the pictures
 - ask → What do you see
 - What is using energy
 - What is the source of energy
 - What is the energy output
 - What safety precautions must be taken to use this
- Repeat for all 4, discussing safety the most. (discuss various angles)
ie driver, passenger, pedestrian
- Discuss other important safety tips when dealing with things that use energy
ie don't sit too close to TV, don't run electrical cords across floor
don't shine light in eyes, don't use oven without adult
- Talk about how our senses can keep us safe (smell smoke, see flame, feel heat...)
- Explain task - make an energy safety poster
 - Draw safe use of something using energy
 - State source, user and output
- Hand out papers
- Students work.

Reminders

- * Arrange adult volunteer(s) for 2-23

Supplies Needed

- Pictures
- Poster papers

Homework

- Bring cardboard

Notes

* Assess poster.  out Needs to be oral

Too many pictures, do ~4

Grade 1 Science

Lesson: 2-22

Unit: Eggs in Our Lives

Topic: Plant Final

Lesson

- Put both plants on table
- Have students make final drawings
- Discuss appearance of both plants.
- Explain "Results" section of book, have students circle face that best represents plants at each week & should have been done each week
- Discuss results from start to now
- Have students answer questions on back of booklet
 - * Will need a lot of help.

+ Start next
lesson

↖ Needed to ~~not~~ read one
at a time, then make
word list on board.

Reminders

None

Supplies Needed

- Plants
- Booklets

+ stuff from next lesson

Homework

- bring cardboard

Notes

Grade 1 Science

Lesson: 2-2

Unit: Energy in Our Lives

Topic: Making a Toy

Lesson

- Arrange supplies and have students get what they need (see instructions)
- Demonstrate how to make the toy, one step at a time, having student copy. ~~see~~ * see instruction sheet.
- Clean up at end of class

Took about 75 minutes

Reminders

Supplies Needed

- | | | |
|-------------|-------------|----------------|
| - Templates | - Straws | - Instructions |
| - Scissors | - Cardboard | - Pennies |
| - Tape | - String | |

Homework

Notes

* Parent assistance? ← Need at least one extra person

Awesome activity

Grade 1 Science

Lesson: 2-24

Unit: Energy in our Lives

Topic: Limited Resources

Lesson

- Review Energy is what makes things happen
- Review sources of energy with examples →
 - gasoline - car - movement
 - electricity - lightbulb - light
 - sun - plants - growth
 - wind - windmill - movement
 - muscle - wagon - movement
 - wood - fire - light and heat
 - batteries - iPod - sound
- Explain that we can refer to some things that give us energy as "resources"
- Explain that some resources, that give us energy, do not run out (like wood). but other resources can run out (like oil).
- Watch video (22:06)
- Discuss when complete.

Reminders

Supplies Needed

- Data Projector
- Laptop → Video "Learning About Our Natural Resources"

Homework

Notes

Grade 1 Science

25
Lesson: 2-8H

Unit: Energy in Our Lives

Topic: Don't Be Wasteful

Lesson

- Review what was learned last class → some resources can be ~~be~~ used up.
- Ask "What would happen if we used up all of the fossil fuels that are used to make gasoline?"
- Ask "If we know that these resources ~~are~~ can be used up, what should we do?" → Not be wasteful
- Discuss Eco challenge (lights off, curtains closed, computer off etc)
→ "why do we do those things?" → to save energy.
- Explain worksheet
- Hand out worksheet and students work *while they work, put their pages in order and staple for others
- Stop class with 'a few minutes left to explain test review'
- Hand out test review → put in agendas.

Reminders

-

Supplies Needed

- Test Review
- Worksheet

Homework

Make 2nd activity smart board

Notes

* put test date in agenda

Grade 1 Science

Lesson: 2-26

Unit: Energy In our Lives

Topic: Review

Lesson

- Remind students that our test is next class
- Explain that today is a review to make sure they know the stuff
 - Have students take out their worksheets (have them stapled in order for them)
 - One sheet at a time, review work \rightarrow allow time for students to correct their work (instruct them to do so).
 - When complete, ask students if they have any questions.
 - Remind students to study
 - Use remaining time for students to review worksheets, "T" and "F" signs
 - Put up "True" and "False" game
 - Explain "True" and "False" game
 - \rightarrow I read question
 - \rightarrow They will have to sign ~~for~~ indicating answer
 - All worksheets can go home today. ?

Reminders

- \rightarrow discuss
- Play game
- put chart up

Supplies Needed

- A full set of worksheet answers
- T/F signs
- Review Questions

object

Homework

- Study

\rightarrow put object
chart, have 5 kids
input + output
object

Notes

- ~~* have books marked and sequenced by the lesson, so they may be sent home~~
- Kids in groups
 \rightarrow have 5 groups
that work together
to make

Grade 1 Science

Lesson: 2-~~27~~

Unit: Energy In Our Lives

Topic: Test

Lesson

- Discuss test writing procedure
 - Work alone
 - Do not say answers out loud
 - Stay in seat
 - I will read questions, listen carefully, mark answers (part of test)
 - Once all the questions to be read are done, then work on rest of test
- Hand out tests
- Explain "T" for true, "F" for false
Revised
- Read ~~test~~ questions and have students work at same pace.

Reminders

Supplies Needed

Homework

Notes

*Do test over a series of ~ 3 periods
→ work on test for ~ 15 minutes, then
do lesson for remainder