

Grade 2 Science

Lesson: 3-21

Unit: Air and Water in the Environment

Topic: Water Road

Lesson

- Hand out folders
- Hand out loose worksheets
- Students are to use period to finish
 - ① Pinwheel questions
 - ② Evaporation
 - ③ Air and water
 - ④ Any old worksheets for unit
- If finished everything students may read a book or color
- At end of class hand out review for unit test

Reminders

Supplies Needed

- Folders
- Extra worksheets
- Air and water overhead
- Projector

Homework

Notes

Grade 2 Science

Lesson: 3-22

Unit: Air and Water in Environment

Topic: Review - Jeopardy

Lesson

- Divide class into 3 groups
- Explain rules
 - one @ time from each team
 - 3 turns
 - shake if know answer
 - take turns
- Play Jeopardy
- Review questions if time at end

Reminders

Supplies Needed

- Computer → projector
- Jeopardy File → noise makers

Homework

Notes

Grade 2 Science

Lesson: 3-23

Unit: Around Water in Environment

Topic: Unit Test - Day 1

Lesson

- Explain test expectations
- ~~Explain~~ Tell students not to dwell on questions, skip if unknown and go back
- Tell students they can have 2 periods to write
- Hand out tests * Names on
- Collect at end of period

Reminders

Supplies Needed

- Tests

Homework

Notes

Grade 2 Science



Lesson: 3-27

Unit: Air and Water in Environment

Topic: Unit Test - Day 2

Lesson

- Review test rules
- Hand out tests
- If finished students are expected to read quietly

Reminders

Supplies Needed

-tests

Homework

Notes

Grade 2 Science

Lesson: 3-25

Unit: Air and Water in the Environment Topic: Water Use

Lesson	
<p>→ Ask students how they use water at home (family use)</p> <ul style="list-style-type: none">- generate an extensive list <p>→ Ask students how often they do the listed activities</p> <p>→ Discuss water used in each some of the activities</p> <ul style="list-style-type: none">- average Flush = 20 L = 10 pop bottles- average shower = 160 L = 80 pop bottles- average load of laundry = 120 L = 60 pop bottles- average dishes (dishwasher) = 8 L = 4 pop bottles <p>→ Hand out homework and explain</p> <ul style="list-style-type: none">- count all water sources - due next class- track home water usage for one week- put check mark each time something is used- Discuss questions <p>→ Put parent note in agenda</p>	<ul style="list-style-type: none">- bath- shower- brush teeth- Laundry- dishes- wash car- swimming pool- cleaning <p>show pop bottle</p> <p>- 2L</p>
Reminders	
Supplies Needed	
<ul style="list-style-type: none">- 2L Pop Bottle (empty)- work sheets- Parent note	
Homework	
<ul style="list-style-type: none">- Count all water sources in home- Track water use	
Notes	

Grade 2 Science

Lesson: 3-26

Unit: Air and Water in the Environment Topic: Water availability

Lesson

- Discuss homework
 - how many water sources?
 - write list of different sources
 - "Do you think it is normal to have this many sources of water at home?"
- Read book, pages 10-17
 - Discuss while reading
- Ask students if they have been in any situations in which water was not available (camping, long car ride)
 - what did they have to do
 - how did it feel
- Remind students to continue tracking.

Reminders

- Continue tracking water use at home

Supplies Needed

- Book "A life like mine: How children live around the world"

Homework

Notes

Grade 2 Science

Lesson: 3-27

Unit: Air and Water in Environment

Topic: Water Pollution

Lesson

- Ask students if they have been tracking their water use
- "Where does water go after use?" - down drain
- "Is it just water going down drain?" - No, soap, dirt, etc.
- Discuss home vs factory water use - more pollution
- Show water pollution images (on Gr 2 webpage)
- Hand art worksheet
- Students have remainder of period to answer worksheet

Reminders

Supplies Needed

- Computer Projector (or computer to view images)
- Worksheet

Homework

Notes

Be sure webpage is online

Grade 2 Science

Lesson: 3-28

Unit: Air and Water in Environment

Topic: Water

Conservation
~~Tracking~~

Lesson

- Ask students to put their homework on the desk
- Discuss findings
 - How many showers in a week?
 - How many times dishes done etc
 - Anything surprising?
- Relate large water use to need for water conservation
- Discuss assignment
 - come up with an idea (invention or process) to conserve water or reduce water pollution
 - Show example of ~~ET~~ ~~DT~~ ~~TK~~ (Japanese Toilets) - discuss double water use.
- Hand out worksheet
- Students use ~~the~~ ~~rest~~ ~~of~~ ~~the~~ remainder of period to work.
- Collect worksheets in folder

Reminders

Supplies Needed

- Overhead → Japanese Toilets
- Worksheets
- Over-head projector

Homework

Notes

Grade 2 Science

Lesson: 3-29

Unit: Air and Water in the Environment Topic: Water Conservation

Lesson

- > Re-distribute worksheets from previous class
- > Inform students that they will present their idea at the end of class today ~~(Write a letter)~~ *Grade this
- > Students are to work on their idea until presentations start
- > Have each student explain their idea to the class
- > If remaining time, discuss all ideas as a class

Reminders

Supplies Needed

- Worksheets

Homework

Notes