

# Grade 4 Science

Lesson: 3-21

Unit: Pulleys and Gears

Topic: Gears Quiz

## Lesson

- Review quiz procedure
  - No talking
  - No looking at other pages
  - Hand up for questions
  - Ask if you didn't understand
- ~~Hand~~ Inform students that when they are done they are to check folder for any unfinished work, then they are to finish work for their HR teacher
- Hand out quizzes
- Let students know when there is 10 minutes' <sup>5, 2</sup> left
- ~~Let students~~ Collect quizzes at end of class

## Reminders

## Supplies Needed

- quizzes

## Homework

## Notes

# Grade 4 Science

Lesson: 3-22

Unit: Pulleys and Gears

Topic: Impact on Daily  
~~Summary~~ Life

## Lesson

- "Devices that use gears or pulleys help humans in many ways. However, they can also have a negative impact on both humans and the environment."
- Hand out worksheet to students and explain task
  - Read intro
  - Make a list of the positive and negative aspects of escalators and elevators
    - \* provide example
    - P → Disabled can get up to high floor
    - N → Makes us lazy
  - When done, review your lists and choose a "winning" side
  - Write a detailed paragraph to explain why we should keep using them or not

## Reminders

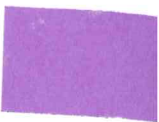
## Supplies Needed

- Worksheets

## Homework

## Notes

# Grade 4 Science



Lesson: 3-23

Unit: Pulley and Gears

Topic: Organize / Finish-up

Lesson			
- Hand out folders			
- Help students by putting all papers in order:			
for - ① Exploring Pulleys	④ Pulleys in Action	⑦ Gears	⑩ The Impact of Pulleys and Gears
- ② Pulley Information	⑤ Gear Information	⑧ Gears in Action	
③ Pulleys	⑥ Exploring Gears	⑨ Bicycles	
- Staple pages for students			
- Place answer keys to all worksheets around the room			
- Students cycle around room and check all answers			
- If completely done all work students may work on other work for HR. or read.			

Reminders

Supplies Needed
- Extra Worksheets      - stapler
- Answer keys

Homework

Notes

# Grade 4



Lesson: 3-24

Unit: Pulleys and Gears

Topic: Culminating Questions 1+2

## Lesson

- Explain task to students
  - Work individually
  - Use worksheets and learned knowledge to answer questions about unit
  - Add lots of detail to answer
  - This will substitute for a unit test
- Hand out papers
- Students work for period

## Reminders

## Supplies Needed

- Question sheets

## Homework

## Notes

# Grade 4 Science

Lesson: 3-25

Unit: Pulleys and Gears

Topic: Collaborative Quizzes 2012

## Lesson

- Students continue working on their questions from previous class
- If students say they are done, encourage them to find areas where they may add more detail
- If students truly are done they may start a title page for next unit Light and Sound

## Reminders

## Supplies Needed

## Homework

## Notes

\* Needed a third period