



Creation Lens

Exploring the World, Discovering God

Grade Level: Grade 1

Title:

Matter Can Change State & We Can Change

Denomination: Christian

Lesson ID: PS-G1-04-CH

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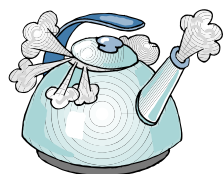
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Note: Web sites referenced in this lesson were valid at time of publication.

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PHYSICAL SCIENCE MODULE – FIRST GRADE – CHRISTIAN LESSON 4: Matter Can Change and We can change

GENERAL CONCEPT: Matter can change states and we can change by turning to God.

SCIENCE LESSON CONCEPT

Matter can change from one state (solid, liquid, gas) to another.

GOAL OF SCIENCE LESSON

Student will know the three states of matter and how an object must be acted upon in order to change...

OUTCOME EXPECTED

- 1) Student can describe the three states of matter.
- 2) Student will be able to explain how matter can change states.

MATERIALS NEEDED

- Science Journal Page: STATES OF MATTER
- Pencils

RELIGION LESSON CONCEPT

Through prayer we can change to be more holy people. We call this conversion. We turn to God.

GOAL OF RELIGION LESSON

Student will know how we can change to become more loving, holy people.

OUTCOME EXPECTED

Student will be able to describe ways we can change to be more like Jesus.

MATERIALS NEEDED

- Stories of the lives of people in your Christian heritage who would be good role models for the student.

- Ice
- Water
- Containers for ice and water

SCIENCE METHODOLOGY

- **LIST** the three states of matter on the board: solid, liquid, gas
- **ASK:** Can an object stop being a solid? How?
- **SHOW** the ice.
- **ASK:** Is the ice a solid, a liquid, or a gas?
- **SHOW** the container of water.
- **ASK:** What state is the water?
- **HAVE** the students draw the ice (solid) and the water (liquid) on the Science Journal Page.
- **ASK:** How did the ice get to be a liquid?
- **ASK:** Can the water change to a gas? How? Evaporate or be boiled away.
- **HAVE** the student draw the water changing to steam.
- **POSIT:** Some matter can change from solid, to liquid, to gas.
- Paper to draw saints and self

- Crayons/markers
- Chart/paper on which to compose a class prayer

RELIGION METHODOLOGY

- **READ OR TELL** short stories of the lives of people with your Christian heritage who would be good role models of following Jesus. (Apostles, founders)
- **DISCUSS:** What did these people show us?
- **MAKE** a list of the names on the Board.
- **ASK:** How are all these people alike?
- **SAY:** Right! They all wanted to follow Jesus more than anything else in the world.
- **HAVE** the student draw a picture of one of them.
- **HAVE** the student add themselves to the picture.
- **HAVE** the student pretend that the person is telling them something very important.
- **SHARE** what the person is telling them.
- **DISPLAY** the pictures as a reminder to become more like Jesus like these people did.
- **POSIT:** We can become more like Jesus.

RESOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Student with some adult guidance) On-line activity and quiz; sound is available for pre-readers.

http://www.bbc.co.uk/schools/scienceclips/ages/8_9/solid_liquids.shtml

(Student with some adult guidance)

http://www.bbc.co.uk/schools.revisewise.science.materials/08_act.shtml

(Student

http://www.harcourtschool.com/activity/states_of_matter/index.html

Religious Links

(Teacher) Life of Martin Luther

<http://chi.gospelcom.net/kids/glimpsesforkids/gfk014.php>

(Teacher) Source for other role models.

<http://chi.gospelcom.net/kids/glimpsesforkids/index.php>

(Teacher) Word Search and other puzzles for kids

<http://chi.gospelcom.net/kids/puzzles/puzzlist.php>

(Teacher) Information on the Life of John Calvin

<http://www.greatsite.com/timeline-english-bible-history/john-calvin.html>

(Teacher and Parent) Information on Bible Hero Videos

<http://www.greatsite.com/timeline-english-bible-history/john-calvin.html>

KEY WORDS
PHYSICAL SCIENCE – LESSON 4 – GRADE ONE - CH



MATTER

OBJECTS

SOLID

LIQUID

GAS

STEAM

PRAYER

CONVERT

HOLY

SAINTS

CHANGE

JESUS

KEY WORDS
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MATTER

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ROLE MODELS

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