

Student-Teacher: Masada – ID: H00332600.

Date: 1<sup>st</sup> November 2016

Course: EPC 1903

Grade Level: Two

Subject: Science.

Strand: Earth & Space

Learning Outcome (ADEC code and words):

2ES4 : explain ways in which people use the Earth, its environment, and its resources to obtain food, water, and shelter through investigation.

Focus on: We need shelters

Resources (what materials/equipment will you and the students use? Be specific)

Pictures for building materials – samples for stones – slideshow – whiteboard –small cards – flipchart – interactive board.

Preparation (what do you need to make or check before class?)

Prepare the board –cut cards – bring samples.

Key vocabulary:

Shelters - stone – glass – concrete.

Natural materials– human made materials .

Whole

Time: 15 min

Opening.

T: direct students to set on the carpet.

S: move group by group into the carpet.

T: Recap from last science session , ask: can you remind me what humans need to survive?

S: give their answers. (ensure students mention:food, water, and shelter).

T: write the answers on the board - introduce the lesson and start the discussion.

T: Today we are going to focus on shelters, Why do you think we need shelters ?

S: offer their answers.( protect us from weather, keep us safe).

T: how do you think we made our shelters ?

S: offer their answers. (name different materials).

T: show pictures for building materials from last science session ( wood , metal, brick).

S: offer answers

Whole

Time: 15 min

Guided and Independent Experience).

Guided Experience: the teacher will question the pupils on building materials that come from the environment around us.

Brainstorm with the students all the different types of materials that they can think of and write them on the whiteboard.

Explain that some materials are natural others are human- made.

T: we have two types of materials , can you remind me what we called them?

S: Natural materials and human-made.

T : can you name any building materials that come from the environment around us ?

S: name the materials from last class ( wood – brick - metal – plastic) – T : can help them and show some pictures.

T: 1.show picture for the materials (stone) 2. . Give students a sample of stones . 3.Ask students: what we called this material ?

S: share the materials , touch it and answer the teacher's question.

T : why do we need a stone to build houses ? S: give their answers.

T: 1. Show picture for material (concrete) 2. Ask students: what we called these materials ? 3. Why we need concrete to build houses?

S: answers the teacher's questions. ( walls ).

The teacher uses interactive board.

	<p><b>Independent Experience:</b></p> <p><b>T:</b> give out activity instructions.</p> <p><b>S:</b> Apply for teacher's orders and listen.</p> <p><b>T:</b> 1. ask students to look at the whiteboard 2. review pictures + names for different building materials( one slide). 3. give two cards for each student ( green : natural materials , yellow : human- made) 4. Show one slide with different building materials. 5. Ask students to Choose from the slide one natural material and one human- made materials then write them on cards. 5. Set the time for 3 minutes.</p> <p><b>S:</b> start write their answer individually</p> <p><b>T:</b> walk around groups to check students work. (assessment).</p> <p><b>T:</b> times up , put your pencils down , look at the board.</p> <p><b>T:</b> point on a picture and ask : if you write (e.g.wood) in your green card raise your hand ?</p> <p><b>S:</b> come in front of the class read their answer and stick it on the board.</p> <p><b>T:</b> ask others students : is she right? ( give stickers).</p> <p><b>T:</b> complete and chose others students (3-4 ).</p>
<p><b>Whole</b></p> <p><b>Time: 15 min</b></p>	<p><b>Closing:</b></p> <p><b>T:</b> explain page 44 in students book.</p> <p><b>S :</b> listen and offer answers</p> <p><b>T:</b> gives students their books ask them to open page 44 and start writing.</p> <p><b>S:</b> decide which material is human-made, which is natural.</p> <p><b>T:</b> walk between groups to check their work.</p> <p><b>T:</b> close the lesson by ask : can you remind me what we learn today ?</p> <p><b>S:</b> give their answers.</p>
<p><b>Assessment</b></p> <ol style="list-style-type: none"> <li>1. The teacher observe student during brainstorm time.</li> <li>2. The teacher walks between groups during the independent experience.</li> <li>3. The teacher review &amp; ask in the end: what we learn today ?</li> </ol>	