

SAMPLE LESSON PLAN PLANS FOR PIAGET'S LEARNING THEORY

Name of the teacher _____

Date _____

Name of the School _____
2x40'

Duration of the period:

Subject: Chemistry

Topic of the lesson: Air

Sub-topic: air supports burning

Grade 7 (seven)

Objectives : By the end of the lesson, the pupils will be able to:

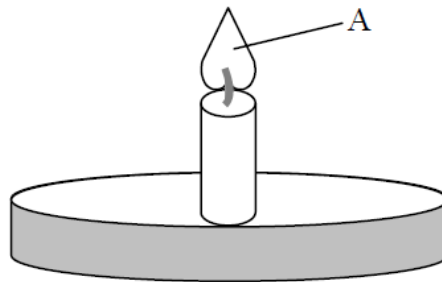
1. Demonstrate that air supports burning.
- 2.State other two uses of Air
3. Develop problem solving skills
4. appreciate scientific methods

Teacher/learners' Activities	Teaching - learning materials	Core points	Evaluation / Exercise
<p>Introduction (5minutes):</p> <ol style="list-style-type: none"> Children to predict what happen when two charcoal pots of fire used for cooking; one is fanned while the second one is not fanned. Pupils to identify TLMs on demonstration table with the help of the teacher. Eg. Candle, match box etc. <p>Activities(40minutes):</p> <ol style="list-style-type: none"> Put pupils into groups and distribute TLMs through group leaders. Using the worksheet, assist pupils to perform the experiment to show the behaviour of fire with air Pupils report their findings to generate class discussions and draw conclusions. Ask pupils to mention some other uses of Air in their daily life. <p>Conclusion (15minutes)</p> <p>Through questioning and discussions, lead pupils to state at least 4 uses of air.</p> <p>Set class exercises to assess pupils understanding of the lesson.</p> <p>Move run to assist pupils with</p>	<p>Matches, Candles, beakers/tranSPARENT materials</p>	<p>The candle which is covered goes off while the candle left uncovered continues to burn. Air is necessary for burning/combustion. Air is used in</p> <ol style="list-style-type: none"> Breathing Drying Burning Filling tyres/balloons <p>Application</p> <ol style="list-style-type: none"> A room on fire when deprived of air, will stop burning When a blanket is spread over fire, no air will be allowed in, thus, the fire will go off A person whose clothes catch fire should roll on the ground. And not run about 	<p>Mention four uses of Air</p> <p>Class exercise:</p> <p>Draw and label a diagram to show that air supports burning. What would you do if the clothes you were wearing caught fire accidentally?</p>

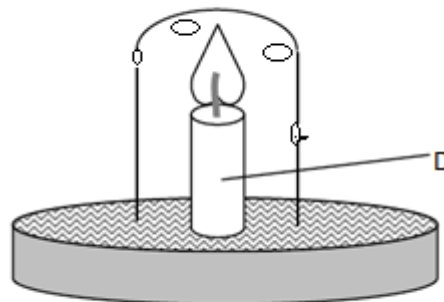
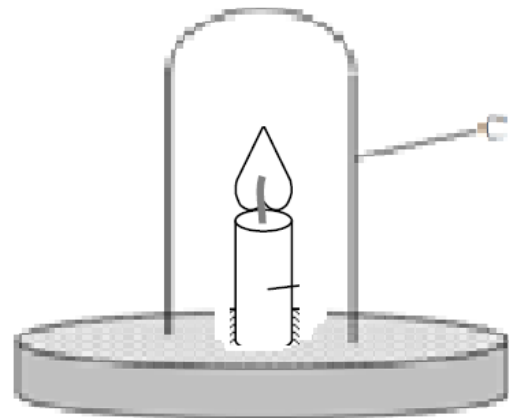
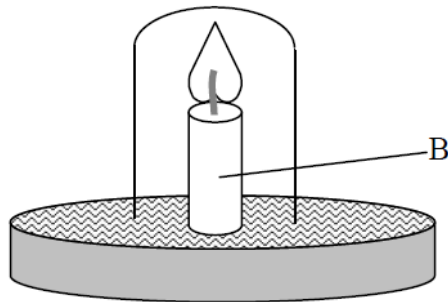
difficulties.

Worksheet

1. Place 3 candles on the desk and light them at the same time.



2. cover two burning candles with two transparent containers and one with a material with holes



3. Observe the flames and write down your findings

ACTIVITY: What happens when a burning candle is covered?

THINGS NEEDED: 3 candles of equal height, 3 transparent containers, matches

WHAT TO DO:

1. Place four short candles of equal height firmly on top of your desk and label them as A, B, C and D
2. Light the candles and allow them to burn for some time.
3. Cover two of the burning candles with the transparent containers and one with transparent material with holes, at the same time. Leave one uncovered
4. Observe what happens and record your findings.

QUESTIONS:

1. Which candle burns for a longer time and why?
2. Which of the three candles burnt for a longer time? The candle in the smaller container or larger or the candle in container with holes? Why?
3. Write down your conclusion.
4. Draw the diagrams and Label them.

TCTP Program