

Sanai School System

Sargodha

LESSON PLAN

Month: April Date: 21th April to 25th April Teacher's Name: Maryam

Subject: SRM 1 (Science)	Topic: Materials
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Date	Class	Single/Double Period
April, 2022	8	Double(2)
April, 2022	8	Single(1)
April, 2022	8	Double(2)

SUB TOPIC: • Types of Materials • Properties of Materials
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LEARNING OBJECTIVES: Students would be able to:- • know about different types of materials. • know about properties of materials that make them suitable for different uses.

KEY WORDS:

1. Transparent 2) Opaque 3) Waterproof 4) Absorbent 5) Magnetic

RESOURCE / TEACHING AIDS:

Whiteboard, Textbook, Worksheets, Videos

Date of Submission: 31st April, 2022

Coordinator sign: _____

Date of Return: _____

Principal sign: _____

DURATION (IN MINUTES)	STUDENTS AND TEACHER ACTIVITIES (double lessons) DAY: 1	Grouping (Whole class group of ¾ Individuals etc.)
(10 min) (reading:15 min) (25 min)	Starter: Learners will be reminded what they have learnt in previous chapters about materials. They will be asked about different types of materials. They will be asked about different objects that are in their classroom and further asked about different materials that are used in those objects. Lesson Sequence: They will be asked to take out their textbooks and read the text about different types of materials. They will be told about different types of materials such as wood, metal, paper, plastic and fabric etc. Teacher will talk about different properties of materials that make them to use for different purposes. Learners will be asked to do the written work. They will be asked to take out their notebooks. CLASSWORK: Answer these questions: Q1: What are the names of some materials that we use in our daily lives? Ans: Wood, paper, plastic, glass and fabric etc. are some materials that we use in our daily life. Q2: What are waterproof and absorbent materials? Ans: Waterproof materials do not soak up water. Absorbent materials soak up water. Q3: Why materials have different properties? Ans: Materials have different properties that make them suitable for different uses.	

(10 min)	Plenary: Students will be asked to summarize the key points of the topic we have discussed. Homework: Do Reading of page# 53, 54 from your textbook	
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DURATION (IN MINUTES)	STUDENTS AND TEACHER ACTIVITIES (double lessons) DAY: 2	Grouping (Whole class group of ¼ Individuals etc.)
(15 min) (video:15 min) (20 min)	Starter: Reinforcement of previously taught topic will be done by asking questions. After that class will be grouped into 4 teams and they will be asked to pick out different objects that are around them and then write down different materials that are used in them Q1: Give some examples of waterproof materials. Ans: Raincoat, plastic bottle and umbrella are examples of waterproof materials Q2: Give some examples of absorbent materials. Ans: Paper bag, sponge and clothes are examples of absorbent materials. Q3: What does a word “material” mean? Ans: The word “material” describes what things are made from. Lesson Sequence: After the reinforcement, learners will be shown video about reproduction of plants. https://www.youtube.com/watch?v=340MmuY_osY After the video. Learners will be asked to take out their notebooks and do the following classwork. CLASSWORK Q: What are the following made from?	

(10 min)

Plenary: Learners will be asked to share their answers.
Discussion will be done on their answers

Homework: Revise the topic “Materials”

DURATION (IN MINUTES)	STUDENTS AND TEACHER ACTIVITIES (single lesson) DAY: 3	Grouping (Whole class group of ¼ Individuals etc.)
(5 min) (20 min)	Starter: Reinforcement of previously taught topic will be done by asking questions. Q1: What are transparent materials? Ans: Transparent materials, like glass, allow light to pass through them. Q2: What are opaque materials? Ans: Opaque materials, like wood, do not let any light to pass through them. Q3: What are non-magnetic materials? Ans: Non-magnetic materials are not attracted to magnets. Lesson Sequence: After the reinforcement, learners will be asked to revise the concepts. Students will be take out their notebooks and solve the following assessment. Assessment: Q1: Choose the best option: 1. Which of these is not a natural resource? b. land b) buildings c) air d) water 3. Which of the following is magnetic? d. glass b) plastic c) iron d) wood 5. Which of these is not a waterproof? f. plastic b) glass c)hard rock d) cotton fibres_ Q2: Answer these questions:__ 1. Give some examples of waterproof and absorbent materials.	

Ans: Raincoat, plastic bottle and umbrella are examples of waterproof materials. Paper bag, sponge and clothes are examples of absorbent materials.

1. **What are magnetic materials?**

Ans: Magnetic materials, like iron and some kinds of steel, are attracted to magnets.

Plenary: Learners will be asked to share their answers. Discussion will be done on their answers.

Homework: Do Concept Check page#45 + Do exercises on page#48 (Q#1,2,3)

(5 min)