

Lesson Plan

Grade: Four

Subject: Science

Term: 3rd

Time: 40min

Teacher's Name: _____

Week: 8

Day: 1

Unit 10: Technology in Everyday Life

Topic: Basic craft-making

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Design paper bags, envelopes, cards and face masks.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook, chart paper, scissors, colours

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiya".

Ask them: How can you make paper envelopes? Take their response and appreciate them.

Teaching and Learning Activities:

25mins

- Write the topic name 'Making Mask' on the board.
- Tell the students today we will learn about making mask.
- First tell them how masks are use for? Tell the students face masks are used for different purpose. Face masks of cardboard and plastic materials are used in function and parties for fun.
- While masks made of clothes are used to protect from germs during pandemic.
- Now tell them how to make a mask in step by step?
- Take a cardboard or a chart paper.
- Fold your paper in half.
- Draw shape of half of an animals face on paper. Be sure the center of the face is along the folded edge.
- With the help of scissors cut the masks out of the paper.
- Now, draw eye holes, then cut out the eyes.
- Colour your face mask.
- Punch holes for the elastic, tie the elastic on and wear. Ask the students to open their textbooks and do the activity.

Review:

3mins

Explain the main points about making mask.

Evaluation:

5mins

To check the understanding of students, ask them:

- Tell the uses of face mask?

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

Grade: Four

Subject: Science

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Time: 40min

Teacher's Name: _____

Week: 8

Day: 2

Chapter 10: Technology in Everyday Life

Topic: Basic Technical Model Making, Steps to Make Clay Model

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Design models of sphere, cube prism, cylinder and cone with clay or play dough.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiya".

Ask them: What are steps of making paper envelope? Wait for their responses.

Teaching and Learning Activities:

25mins

- Write the topic name 'Basic Technical Model Making, Steps to Make Clay Model' on the board.
- Tell students that model making is designing of the objects that define a concept or a process.
- Now write 'Steps to make clay model' on the board.
- Tell them clay is used to make models and show them how kneaded clay is made and then make different shapes in front of them.
- **Differentiate between crafting and model making.** Ask students to answer this question. Wait for their responses.
- Write the answer on the board: **'Crafting is a technique in which objects are made by hands rather than machines. It is branch of decorative art. Different items such as paper, laces, clothes, wood and glass are used in crafting. Model making is a technique of designing a physical representation of a concept, thing or person. Models can be made from clay, play dough, paper Mache, polystyrene sheet, etc.'**
- Tell students to write the answer in their notebooks. Check their work.
- Ask students to make models of geometrical shapes using clay. Let them respond. Check their work.

Review:

3mins

Explain the main points about basic techniques in model making and how to make clay model?

Evaluation:

5mins

To check the understanding of students, ask them:

- What is model making?
- What are steps to make clay model?

- How model making is different from craft-making?

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

Grade: Four

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Time: 40min

Teacher's Name: _____

Week: 8

Day: 3

Chapter 10: Technology in Everyday Life

Topic: Steps to make 3-D Model with Clay

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Design a hammer, wheels, rollers and gears using clay or play dough.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook, Clay

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiya".

Ask them: What do you know about model making? What are steps to make clay model? Let them respond and appreciate them for good response.

Teaching and Learning Activities:

25mins

- Write the topic name 'Steps to Make Clay Model' on the board.
- Tell students clay is used to make models and show them how kneaded clay is made and then make different shapes in front of them.
- Tell the students let's make sphere. Tell them hold some amount of clay in your hand. Use your other hand to roll clay to make a ball.
- Roll the ball of clay round and round against a flat surface. Continue rolling in your hands and against the table, until it gets a smooth round ball.
- Continue rolling practice to make your ball a perfect sphere. Remove the cracks using your thumbs. Now, color or decorate your shape beautifully.
- Ask students to make clay model of hammer, rolling pin, gear and wheel. Let them respond. Check their work.
- Ask students to open their textbooks and do the activity.

Review:

3mins

Explain the main points about steps of making clay model.

Evaluation:

5mins

To check the understanding of students, ask them:

- Write the steps to make a sphere from clay.

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

Grade: Four

Subject: Science

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Time: 40min

Teacher's Name: _____

Week: 8

Day: 4

Chapter 10: Technology in Everyday Life

Topic: Use of Mobile Phone

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Operate tablets/mobile phones for the use of the calculator, alarm clock and calendar.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook, Mobile phone

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiya".

Ask them: How can you make models from clay? Let them respond.

Teaching and Learning Activities:

25mins

- Write the topic name 'Use of Mobile phone' on the board.
- Tell students the different technical activities in our daily lives. Tell them the use of mobile and how it helps us do many things.
- Tell the students, in recent past, mobile phones were usually used for making calls. But now with the help of advanced technology. We have smart phone has got many apps which are very helpful to us. For example, it can be used as an alarm clock, calendar and camera etc.
- We can surf the internet using a phone to get information, latest news or to solve any complex calculation. They are not less than a computer.
- Ask the students: **Name some technical devices of the modern era.** Wait for their responses.
- Write the answer on the board: **'Technical devices of the modern era are mobile phones, laptops, printers, computers, etc.'** Tell students to write the answer in their notebooks. Check their work.

Review:

3mins

Explain the main points about technical activities and use of applications on mobile phone.

Evaluation:

5mins

To check the understanding of students, ask them:

- What are technical activities?
- Name some technical devices.
- Why do we need to learn how to operate mobile phones?

Homework:

2mins

Ask students to learn the topic. Write the answer of Q4 (i) in their notebooks.

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Week: 8

Day: 5

Chapter 10: Technology in Everyday Life

Topic: Use of Mobile Phone

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Operate tablets/mobile phones for the use of the calculator, alarm clock and calendar.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook, Worksheet

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiya".

Ask them: Name some technical devices. Take their responses and appreciate them.

Teaching and Learning Activities:

25mins

- Write the topic name 'Use of Mobile phone' on the board.
- Tell the students today we will learn about the use of calculator and clock alarm in mobile phones. We can use mobiles to calculate bills taxes, mathematical calculations or other calculations.
- Tell them, some mobile also have a scientific calculator with them which can be helpful for students to calculate their mathematical problems.
- Now tell them about clock alarm.
- We can set alarms and reminders on mobile phones. We can set our routines, appointments, etc on our mobile phone that helps as to remind all our scheduled tasks. Ask the students to tell the other uses of mobile phones.

Review:

3mins

Explain the main points about uses of mobile phone.

Evaluation:

5mins

To check the understanding of students, ask them:

- Tell the benefits of mobile phones.

Homework:

2mins

Ask students to learn the topic. And solve the given worksheet.

Worksheet

Q1. Answer the following question.

i) What are the uses of face mask?

ii) Define crafting.

iii) Define model making.

iv) Write the uses of mobile phones.
