

3. Banks as source of finance

*Types of accounts

*Services provided by banks.

Art & Craft

Art:

Perspective drawing

Abstract painting

Indian folk art (Madhubani/Warli)

Human face sketching

Craft:

Handmade jewelry

Scrapbook cover design

Bottle decoration

Computer

1) Secret Binary Code

Write the following in Binary Code:

Your Name

Your Roll Number

Your Favourite Subject

Make it creative like a secret spy message.

2) Conversion Challenge

Convert the following:

Decimal

To Binary

5,12,25,40

Now convert these Binary numbers into Decimal:

1010

1111

10001

Solve the following: Binary Addition

101 + 11

1101 + 101

1110 + 110

Solve: Binary Subtraction

1011 – 0010

1111 – 0101

1000 – 0011

Note: Do it in classwork notebook.

3) Digital Drawing Activity: Using Gimp\Canva

Draw a scenery/cartoon/robot

Use at least 5 paint tools

Add colors and text

Take printout and paste in notebook.

4) Create a chart showing different GIMP Paint Tools.

Include:

Pencil Tool

Paint Brush

Eraser

Fill Tool

Airbrush

Draw or paste pictures of tools and mention their uses. Use A4 sheet.

Life Skills Project: The Secret Behaviorist

As part of your Life Skills holiday homework, you will be conducting a 30-day psychological study right at home. Your mission is to observe human behavior using your own family members as subjects.

Objective:

To form a hypothesis (an educated guess) about a family member's daily habits, secretly track their behavior for 30 days, and analyze whether your guess was correct.

Project Guidelines:

The Secret Hypothesis: Choose one or two family members. Write down a prediction about how they react to a specific situation (e.g., "If Dad is stuck in traffic, then he will complain about the city planning.").

Note: Do not tell your subject they are being watched! If they know, they might change their natural behavior, which will ruin your scientific data.

The 30-Day Log: Create a 4-column chart in your life skills notebook and track your observations daily using the format below:

Day

Event

Time

Reaction/Behaviour

The Final Report: On Day 31, write a 1-page conclusion. Was your hypothesis completely accurate, partly accurate, or incorrect? What did you learn about your family member?

Example to Guide You:

Hypothesis: "If my older sister's phone battery drops below 10%, then she will panic and frantically look for a charger."

Observation: On Day 5, her phone died. Result: She stopped talking mid-sentence, ran to her room, and accused someone of stealing her charger. (Hypothesis proven correct!).

Format: Write a neat, handwritten conclusion on an A4 sheet and staple it in your Life Skills notebook.

Creativity and neatness will fetch extra marks.

संस्कृत

1- धर्म से संबंधित कोई एक कहानी लिखिए ।

2- सुभाषितान् पाठ के श्लोक को याद करें ।(सस्वर वाचन सहित)

3- गीता के अध्याय -12 से 5 श्लोकों को अर्थ सहित याद करके लिखें ।(सस्वर वाचन सहित)

Science

1. Scrapbook Activity

Make a scrapbook of 8–10 pages on the topic “Components of Food”.

Include:

Pictures of different food items

Nutrients present in them (carbohydrates, proteins, vitamins, minerals, fats)

One balanced diet chart

2. *Science Model / Activity*

Make any one model from the following:

- Solar System model
- Water Cycle model
- Working model of Rainwater Harvesting System
- Food Chain model

Write 5–6 lines explaining the model.

3. *Creative Task*

Write 5 amazing facts about

- Space
- animals
- Plants
- Animals

decorate the page with drawings.

4. Topic: *Famous Scientist*

Draw or paste the picture of the scientist.

Choose any two scientist and write about them.

Example of scientists:

a)Albert Einstein b)Isaac Newton c)C. V. Raman d)Marie Curie e) A.P. J. Abdul Kalam

Write the following points

- Name of the Scientist
- Date of Birth

- Country
- Important Discovery / Invention
- Awards or Achievements
- Why you like this scientist (3–4 lines)

Maths Holiday Homework for 7-B

1. Maths Around My Home

Observe your house and write the shapes you see.

Object	Shape	Number of Sides
Window	Rectangle	4
Clock	Circle	0
Tile	Square	4

Write at least 10 objects.

2. Fraction Pizza Activity

Draw a pizza and divide it into:

- $\frac{1}{2}$
- $\frac{1}{4}$
- $\frac{1}{8}$

Colour different parts and label the fractions.

3. Measure and Compare

Use a ruler or measuring tape and measure:

Object	Length
Study Table	___cm
Book	___cm
Pencil Box	___cm

Arrange them from smallest to largest.

4. Family Age Graph

Collect ages of 5 family members and make a bar graph.

Example:

Name	Age
Father	40
Mother	36

5. Budget Shopping Activity

Pretend you have ₹500 for shopping.

Item	Price
Notebook	₹50
Pen	₹20

- Calculate total spending.
- Find remaining money.

Maths Holiday Homework for 7-A

Mathematics

Write at least 10 Mathematical tricks in your Mathematics notebook.

Ex- Take any 3-digit number where the first and last digits differ by atleast

2. Reverse it, subtract the smaller from the larger reverse that result and add them together. The result will always be 1089.

GK

1. Pick 5 countries (other than India) and create a fact for each including their- Name, Capital city, Flag, Language, Map, Currency, one major monuments
2. Create a wild/pet animal documentary giving information about its life history/ life cycle:- it's habitat, food (whether carnivore/ herbivore), it's unique features, it's wildlife status.
3. Write the names of the plants that you have in your home, write it's- native/local name, uses/beneficial for, size of plant(small/big), stem color, stem(hard/soft).
4. Investigatory:
 - (i) When there were no clocks/watches how did people do their work?
 - (ii) Suppose one midnight you were walking on roof of your house.
You saw a UFO landing beside your house. An alien come out from it.
What will you do? You will meet him? What will you talk about?
 - (iii) Suppose you bring a small plant in your house. One night you feel thirsty and move to the kitchen to drink water. On the way you notice some noise. You follow the noise and come to know that the plant is singing and talking like humans.
-What will you do then?
-If plant says that it can talk like humans but only for 1 hour exactly at midnight, what step will you take from that night?
- what will you talk about?

(iv) Suppose you have an aquarium in your room. One night while sleeping you were disturbed by some noises. You found that the noise was coming out from aquarium. Coming near to aquarium you hear fishes talking with each other like humans.

- What will you do at that time?

- If they say that they can talk like humans only for half an hour but at specific time (midnight).

What will you do from that night onwards.