ENGLISH
1. Read at least two stories based on **brave children**. Write the name of the story, name of the brave child and what you have learnt from the story. (On an A3 size sheet). Draw and Paste pictures from the story to make your work more creative.
2. Students have to maintain a personal diary and make a dairy entry each day, recording each day’s activities for the month of June. You can also paste pictures of the places in the diary you visited or any interesting incident that happened.

MATHEMATICS
Do the following activities on A4 size sheet.

1. **Kaprekar’s Constant:** The number 6174 is known as Keprekar number as it was discovered by D.R. Keprekar in 1949.
   - Take any four digit number (whose digits are not all identical) and do the following:
     1. Rearrange the digits to form the largest and smallest 4-digit numbers possible.
     2. Take these two numbers and subtract the smaller number from the larger.
     3. Use the number you obtain and repeat the above process.
   What happens if you repeat the above process over and over?

   Let’s see... Suppose we choose the number 3141.

   4311 - 1341 = 3177.
   7731 - 1377 = 6354.
   8730 - 0378 = 8352.
   8532 - 2358 = 6174.
   7641 - 1467 = 6174...

   The more amazing thing is this: every four digit number whose digits are not all the same will eventually hit 6174, in at most 7 steps, which is a Kaprekar’s Constant. Try to reach the Kaprekar’s Constant for any five 4-digit numbers of your choice.

2. **Fibonacci Series:** In the 12th century, Leonardo Fibonacci discovered a simple numerical sequence. The Fibonacci sequence is the series of numbers: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, The next number is found by adding up the two numbers before it.
   Find the next 10 numbers of this famous Fibonacci series?
3. **Abacus:** Make a model of abacus and play the game as given on page number 41 of your text book. You can take numbers of your choice. (any five)

4. **Tangram:** Tangram is a Chinese puzzle. Make a boat, a house and any animal using Tangram

5. Revise Ch-1 for first unit test.

6. Make a pocket diary of Multiplication Tables 2-15 and learn them.

**SCIENCE**

1. Revise the syllabus of Unit-1 (Lesson no: 1 and 2)
2. “Health is Wealth”- To ensure the general health of your family, you must make sure to increase intake of water. Suggest the measures to take water in different ways during the day. Write the recipes of two such health drinks. Take help from your parents to write the recipes. Make them during the holidays and enjoy with your family.
3. Choose a day to visit a snack bar or a fast food joint, ask for your favorite snack. Ask the chef to name five main ingredients used to prepare the snack. Come home and write them down in the table below.

<table>
<thead>
<tr>
<th>Name of the ingredients</th>
<th>Nutrient Present</th>
<th>Healthy or not</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Observe the third column. Do you actually think you had a balanced meal? Give reasons for your answer.

**SOCIAL STUDIES**

1. Revise the syllabus of Unit-1 (Lesson no: 1, 2 and 3)
2. Prepare a colorful collage on “UNION TERRITORIES OF INDIA”.
3. Select any state and make a chart showing the following in that state:
   a) Occupations of people
   b) Main crops
   c) Main rivers
   d) Main festivals
   e) Dresses of people.

**ART AND CRAFT**

Make the following:
1. Birthday Cap
2. Brush Holder
3. Drum.
1. सूरज से सम्बंधित पांच कविताओं का संकलन कीजिये।
2. अकबर के दरबार के नौ रत्नों के नाम मालूम करके उनके बारे में पांच पांच वाक्य लिखो।
3. पुस्तकालय से पुस्तक लेकर भारत के स्वतंत्र आंदोलन की कहानी पढ़ें।
4. राष्ट्रपिता मोहनदास करमचंद्र गांधी द्वारा चलाये गए आन्दोलनों में से किसी एक के बारे में विस्तार से वर्णन करें।
5. सवेरप्रथम अपनी एक कहानी रचिएं और फिर उसका चित्र रूपांतर संवादों के साथ कीजिये।
1. Mark the periods in , the given numbers by placing commas. Then, write the period, place, place value, and face value of the underlined digits in the table.

<table>
<thead>
<tr>
<th>Number</th>
<th>Period</th>
<th>Place</th>
<th>Place Value</th>
<th>Face Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) 67324</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) 738290</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c) 837320</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d) 209390</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e) 38307</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Find the products using mental strategies of halves and doubles.

- $32 \times 18 = ____$
- $18 \times 64 = ____$
- $9 \times 32 = ____$
- $9 \times 64 = ____$
- $18 \times 320 = ____$
- $180 \times 32 = ____$
- $18 \times 32 = ___$
3. There are 10,230 passengers in the train. 8,598 passengers get down at the next station. How many passengers continue on their journey?

4. Mohan Lal goes to an electronics shop and buys some items.

<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Conditioner</td>
<td>Rs. 32,568</td>
</tr>
<tr>
<td>Refrigerator</td>
<td>Rs. 24,164</td>
</tr>
<tr>
<td>LED Television</td>
<td>Rs. 45,849</td>
</tr>
<tr>
<td>Water Purifier</td>
<td>Rs. 14,125</td>
</tr>
</tbody>
</table>

a) What is the total cost of the air conditioner and the refrigerator?
b) By how much less is water purifier than refrigerator?
c) How much amount was paid by Mohan Lal at the electronic shop?

5. Fill in the blanks.

a) 3,692 is rounded off to 4,000. The rounding off is to the nearest ______

b) 5,432 is rounded off to 5,400. The rounding off is to the nearest ______

c) 4,485 is rounded off to 4,490. The rounding off is to the nearest ______

d) 5,274 rounded off to the nearest 10 is ______

e) 5,274 rounded off to the nearest 100 is ______

f) 5,274 rounded off to the nearest 1000 is ______

6. Form the numbers as directed. You can repeat the digits.

a) Use the digits 2 and 3 and form the largest 6-digit number. ________
b) Use the digits 6, 0 and 8 and form the smallest 5-digit number._______

c) Use the digits 7, 0, 4 and 2 and form the smallest 6-digit number._______

7. 90,167 people visited the Taj Mahal on Saturday, while 1,05,413 people visited on Sunday. How many more people visited the monument on Sunday than Saturday.

8. What should be added to the number 24,387 to get 1,19,989?