



RAMAKRISHNA

SENIOR SECONDARY

SCHOOL

M-BLOCK, VIKASPURI

NEW DELHI-58

SESSION 2026-27

HOLIDAY HOMEWORK

CLASS VI



**Dear Parents,
Greetings from the RKS Fraternity!**

GENERAL INSTRUCTIONS

The Academic Session 2026–27 has begun in full swing, and the students have settled well into their classes.

Now it is time for the Summer Break. The school will remain closed for Summer Break for Classes LKG to VIII from May 17, 2026 to June 30, 2026, and will reopen on July 1, 2026. Summer vacations are the most awaited holidays for students. It is also a time to enjoy the little pleasures of life that often get overlooked during the busy school routine. Students return to school refreshed and rejuvenated after a much-needed break.

There are a few things that students can keep in mind to utilize this break fruitfully:

- 1. Go for educational trips and excursions.**
- 2. Spend quality time with family and friends.**
- 3. Pursue your hobbies and interests.**
- 4. Sharpen your existing skills and develop new ones.**
- 5. Follow a fitness regime to stay agile both mentally and physically.**
- 6. Learn and explore new things.**
- 7. Relax your body and mind because, "A Healthy Mind Lives in a Healthy Body."**
- 8. Develop the habit of reading books, newspapers, and magazines.**
- 9. Revise important concepts learnt during the session to strengthen understanding.**
- 10. Limit excessive screen time and use digital devices wisely.**
- 11. Practice good manners, discipline, and positive behaviour at home and outside.**
- 12. Stay safe and follow necessary precautions while travelling or engaging in outdoor activities. In order to keep our students meaningfully engaged, Summer Holiday Homework will be available on the school website: www.rks.net.in**

**"We wish all our students a
delightful, safe, and
productive Summer Break!"**

Regards Principal

ENGLISH

1. Space Talk! (Creative Writing)

Write a script of an interview between a news reporter and a famous astronaut after a successful space mission.

Your script should include:

Interesting questions and answers

At least 10 exchanges of dialogue

2. Nature Journal (Activity Based)

Spend 20–30 minutes in a park or garden and observe nature carefully.

Activity Task:

Make a “Nature Mood Board” using colours, sketches, magazine cuttings, or dried leaves to show the beauty of nature.

3) Gratitude envelope (Creative Activity)

Make a small “ Gratitude envelope”

Task:

Write one thing you are thankful to your father on the occasion of Father's Day on each slip.

Prepare at least 10 gratitude slips.

Decorate the envelope creatively.

4. Dictionary Detective

Find 10 new words from newspapers, magazines, or storybooks.

For each word write:

Meaning

Two synonyms

Two antonyms

Activity Task:

Create a colourful Vocabulary Tree using these words.

5. Learn the syllabus of PT(1) thoroughly.

HINDI

1- "पर्यावरण बचाओ" पर पोस्टर बनाएं और 10 लाइनें लिखें।
(हिन्दी की कॉपी में कीजिए)

2- विषय संवर्धक कार्यकलाप - पॉलिथिन के नुकसान और उसे कम करने के तरीकों पर एक लेख लिखें।
(हिन्दी की कॉपी में कीजिए) (80-100 शब्द ,चित्र सहित)

3- प्रतिदिन अखबार पढ़ें।

4- पर्यायवाची (11-20), विलोम (11-20), अनेकार्थी (11-20), वाक्यांश के लिए एक शब्द (11-20), श्रुतिसम भिन्नार्थक (11-20) हिंदी कॉपी में कीजिए।

5- प्रथम आवधिक परीक्षा का पाठ्यक्रम याद करें

धरोहर - पाठ-1,2,3

व्याकरण

पाठ - 1 भाषा, लिपि और व्याकरण

पाठ - 2 वर्ण विचार

पाठ - 3 शब्द विचार

पाठ - 7 संज्ञा

शब्द भंडार (पर्यायवाची, विलोम शब्द, वाक्यांश के लिए एक शब्द, अनेकार्थक, भिन्नार्थक)

अपठित गद्यांश, अनुच्छेद

सरस कहानियां - पाठ-1,2



S. SCIENCE

● Kindly do the following activities in the Geography notebook (light green).

1. Learn and Revise the full syllabus of **Periodic Test-1**.

2. Design a colorful mind map by imagining the government as a “tree” or “team.” Show its three parts—Legislature, Executive, and Judiciary—and add one important function of each in your diagram.

3. Visit the Nehru Planetarium with your family or friends. Paste 4–5 pictures from your visit and write a short report describing what you learned about space, planets, stars, constellations, and any interesting facts that amazed you during the visit. (To be done on 2–3 A4 size sheets under the name of Dhruva Space Club Activity)

4. Using a world map, identify and mark the seven continents and five oceans.



MATHS

1) **Revise Syllabus of PT1**

Ch 1- Pattern in Mathematics

Ch 2- Playing with Numbers

Ch 9 – Lines and Angles

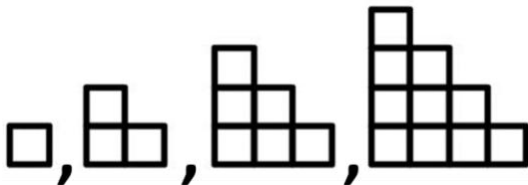
2) **Do Subject Enrichment Activity** in geometry notebook. Activity – Draw clocks representing different times of the day and observe the angles formed between the hour and minute hands. Classify these angles as acute, right, obtuse, or straight angles.”

3) Get printout of given worksheets. Complete it and paste in your Notebooks.

Assignment on Computational Thinking

Chapter 1: Patterns in Mathematics

- The following series follows a fixed pattern: 2, 3, 3, 4, 4, 4, 5, 5, 5, 5, 6, ...
If the pattern continues, determine how many times the number 9 appears in the NEXT 20 terms.
a) 3 b) 4 c) 7 d) 8
- number series is based on a pattern. One term is incorrect. Identify the incorrect term.
2, 3, 6, 11, 18, 25, 38, 51, 66, 83
a) 11 b) 25 c) 51 d) 66
- What will come in place of "?" in the given series? 1@3,
#5#, 7@9, #11#, 13@15, ?, 19@21
a) @17@ b) #15# c) 16#18 d) #17#
- The first four terms of a block series are shown below.
If the pattern continues in the same manner, which term of the series will be the first to contain more than 20 blocks?



- What will come in place of "?" in the given series?

1	2
2	3

2	3
3	4

3	4
4	5

4	5
5	6

?

5	6
6	8

6	7
7	8

6	7
7	7

5	6
6	7
- What will come in place of "?" in the given series?

3
7
4

6
11
5

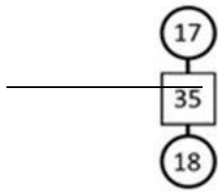
9
16
7

12
22
10

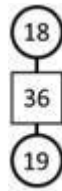
15
29
14

?

a)



b)



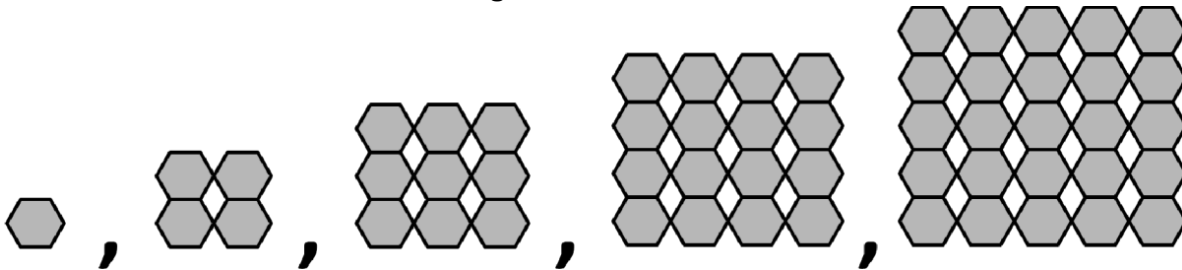
c)



d)



7. The first five terms of a series formed using grey hexagons and white diamonds are given below. If the same pattern continues, how many diamonds will be present in the term where the number of hexagons is 144?

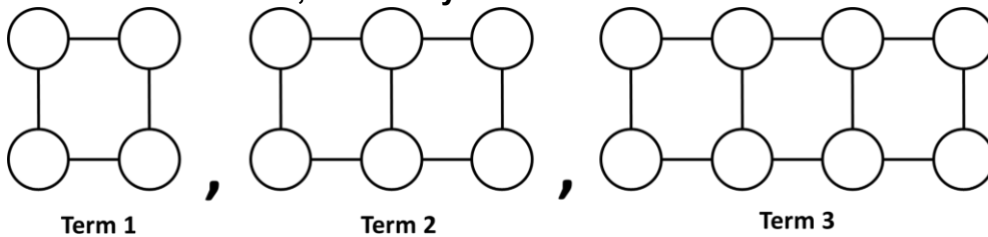


- a) 100 b) 135 c) 121 d) 169

8. Given below are two sets of numbers, P and Q. Which number from Set P can be interchanged with a number from Set Q such that both new sets follow a particular series or pattern? Set P: (18, 22, 24, 27, 30) Set Q: (21, 24, 27, 31, 36)

- a) 18 b) 27 c) 22 d) 30

9. The first three terms of a series of circles are shown below. If the pattern continues in the same manner, how many circles will be there in term 91?



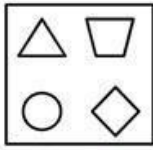
- a) 184 b) 180 c) 194 d) 204

10. A pyramid has to be formed by combining cubes. Every level will have two fewer cubes than the level below it. If a pyramid is formed using at most 30 cubes, what is the maximum number of levels it can have?

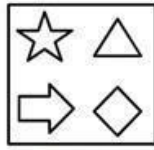
- a) 3 b) 4 c) 5 d) 6



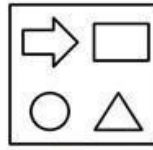
You must shoot exactly one item from each box, to eliminate it from its box. When an item is shot, the same item in the adjacent box is also eliminated. What is the **MAXIMUM** number of items that can be eliminated, after all 3 shots?



Box A



Box B



Box C

(a) 4

(b) 5

(c) 6

(d) 7

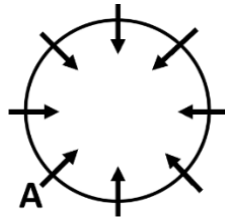


Chapter 2: Lines and Angles

1. Eight friends (A, B, C, D, E, F, G, H) are sitting at equidistant positions around a circular table, each facing towards the centre, as shown below.

- A is facing North-East
- B and D are facing perpendicular directions
- B is to the immediate left of A; while C is exactly between E and F
- B and F are facing opposite directions

If G is sitting exactly between B and D, what is the angle between the directions that A and C are facing?



- a) 45 degrees b) 90 degrees c) 135 degrees d) 180 degrees

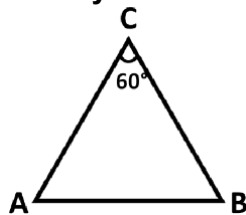
2. Avi and Sam attend dance sessions in the afternoon.

- Avi's session starts when the angle between the hour hand and the minute hand of the clock is 60 degrees
- Sam's session starts at 1:55 PM

What is the least possible difference between the starting times of both sessions?

- a) 2 minutes b) 5 minutes c) 10 minutes d) 15 minutes

3. An equilateral triangle (all the angles are equal) is given below. At minimum, by how many degrees should the given triangle be rotated anticlockwise so that it looks exactly like the original triangle?



- a) 30 degrees b) 60 degrees c) 120 degrees d) 90 degrees

4. What will come in place of “?”

90 →	120 →
45 →	60 → ?

- a) b) c) d)

Which segment among the following options is the longest?



- a) GC b) FE c) GE d) FD



The Thinking Spot



There are four ropes: A, B, C, and D. Each rope has a different length and a different colour chosen from Blue, Red, Green, and Yellow. Rope B is longer than only the Green rope. The Blue rope is longer than B but shorter than C. Rope A is not Blue. If the Yellow rope is the longest, which rope is Red?

- (a) A (b) B (c) C (d) D



Chapter 3: Number Play

1. Sachin plays a game using a standard die numbered 1 to 6. At each roll he scores points equal to the number shown. He may roll the die any number of times.

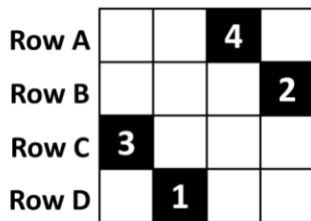
The game ends when the number 6 appears three times (the three 6's need not be consecutive). If the total score at the end of the game is 29, what is the minimum number of rolls Sachin could have made?

- a) 4 b) 5 c) 6 d) 7

2. In the given grid, each white square contains 1, 2, 3, or 4 hidden coins. Each black square shows the maximum number of coins present in any of its adjacent white squares.

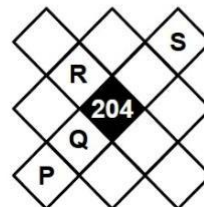
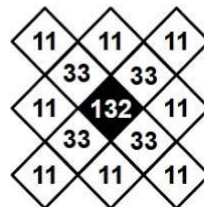
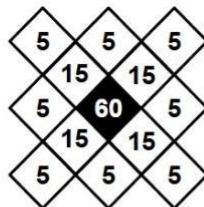
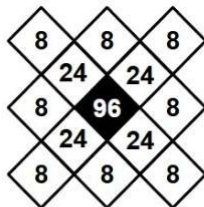
If every row has the same total number of coins, what is the MAXIMUM possible number of white squares that contain exactly one coin?

Note: Two squares are adjacent only if they share a common side. Squares that share a common corner alone, are NOT considered as adjacent



- a) 5 b) 6 c) 7 d) 8

3. If each of the given terms follows the same theme, what will be the value of $P + Q + R + S$?



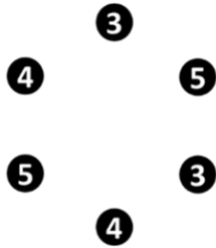
- a) 134 b) 136 c) 119 d) 142

4. An arrow between any two squares, always points towards the square having a larger number. A and B are two DIFFERENT numbers. If the largest 5-digit number is formed using all five squares, what will be the difference between the final number and 10000?



- a) 44332 b) 54545 c) 54432 d) 44432

5. How many different triangles can be formed by connecting the black dots in the image below, where the sum of the numbers at their corners is 12?

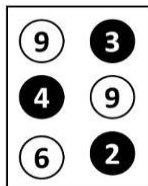


- a) 7 b) 6 c) 8 d) 5

6. Amat and Ankit each picked three numbers from the set {1, 2, 3, 4, 5, 6}.
- 3 different numbers picked by Amat add up to give the highest possible sum - 3 different numbers picked by Ankit add up to the second highest possible sum Which pair of numbers were picked by both Amat and Ankit?

- a) 3 and 4 b) 4 and 5 c) 5 and 6 d) 2 and 5

7. A box contains six numbered circles coloured black and white.
A 6-digit number must be formed using all six circles, and the colours must alternate throughout the number. The first circle may be either black or white.
Among all such numbers that can be formed, take the second smallest number and the second largest number. What is the difference between these two numbers?



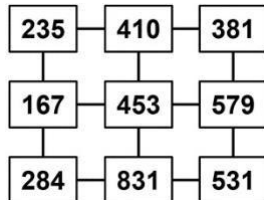
Box

- a) 683233 b) 684324 c) 685314 d) 583297

8. I am a 5-digit number made up of both even and odd digits. I read the same backwards and forwards (palindrome). The greatest difference between at least two of my digits is 9. What is the smallest possible sum of my digits?

- a) 9 b) 10 c) 11 d) 13

9. Count the number of blocks that are connected to at least one block containing a smaller number and one block containing a larger number than the number in it.



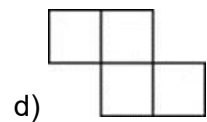
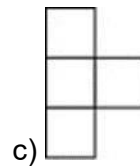
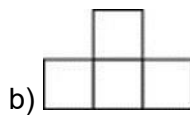
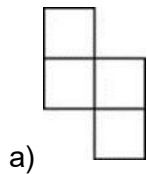
- a) 2 b) 3 c) 4 d) 5

10. A 3×3 grid of digits is given below. Avi, Sam, Riya, and Maya each select a different digit from the grid such that:

- The sum of the digits chosen by Avi and Sam is equal to the digit chosen by Maya
- The digit chosen by Riya is the largest among the four chosen digits

Which of the following options shows a possible set of cells chosen by all four friends? Note: You cannot rotate the question or option images

2	5	8
7	4	6
0	9	3

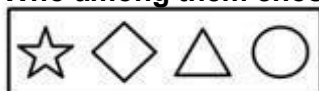


The Thinking Spot

Four friends A, B, C, and D each selected a different shape from the shapes shown below, such that:

- A selected a shape that is neither beside B's shape nor D's shape
- C and D did not select the triangle

Who among them chose the circle?



(a) A

(b) B

(c) C

(d) D





SCIENCE

1. Topic : Sorting Materials into Groups

Collect 15 different materials from your home and surroundings. Sort them into groups based on:

1. Appearance - shiny vs dull
2. Hardness - hard vs soft
3. Solubility in water - soluble vs insoluble
4. Transparency - transparent, translucent, or opaque

Instructions:

Present your findings in a table and paste a small sample/picture of each material. Write 2 uses of each material.

(To be done in science notebook)

2. Topic: Amazing World of Plants 🌿 (Venation)

Collect leaves from 5 different plants around your house or park.

Paste or Trace each leaf on paper and identify whether it has reticulate venation or parallel venation. Label the venation type, and draw the root type.

(To be done in science notebook)

3. Moon Journal Project :

Observe the moon for 15 nights and draw its shape daily. Identify the pattern in the shape of the moon changing each day and note your observation. Draw a series of images of moon observed each day by mentioning the date of observation. In the end draw the phases of moon and correlate it with your images recorded. Also collect information about each phase of moon and present it in a project file.

(To be done in a project file under the name Space Club
Activity : Moon Journal)

4. Kaushal Bodh Activity :Biodiversity Register

Know the biodiversity in your area by visiting a nearby farm/nursery/park. Interact with the local farmer/gardener and gather information about different types of plants, their local name, their cropping and harvesting season. Compile your observations in a biodiversity register in a tabular format. Also click pictures to support your biodiversity expedition and paste in the project file. Biodiversity Register should include 5 different tables consisting the information about one each (crop plant, fruit plant, fodder plant, weed plant and pests)

One table format shared for reference :

(To be done in a Project file under Kaushal Bodh heading, include Index, introduction, paste photographs, collect information and present in a tabular format)

5. Revise PT1 syllabus

6. Grow any one sapling(mango, Neem,peepal etc) , nurture it and bring it for plantation drive at school when asked.

SANSKRIT

1. अपने विद्यालय में उपस्थित किन्हीं 15 वस्तुओं के चित्र चिपकाकर संस्कृत में उनके नाम अपनी उत्तर पुस्तिका में लिखिए।

2. कारक चिह्न तथा विभक्तियों की एक तालिका बनाकर प्रत्येक कारक के संस्कृत में दो-दो उदाहरण अपनी उत्तर पुस्तिका में लिखिए।

3. (A - 4) साइज शीट पर किन्हीं पाँच पक्षियों तथा पाँच फलों के चित्र चिपकाकर संस्कृत में उनके नाम लिखिए।

4. प्रथम आवधिक परीक्षा का संपूर्ण पाठ्यक्रम याद कीजिए।
प्रथम त्रैमासिक परीक्षा पाठ्यक्रम

पाठ- 1, 2

व्याकरण - अव्यय, गणना (1-30), शब्द रूप (बालक, नर)

धातुरूप - पठ्, लिख् (लट् लकार), फलों के नाम, पक्षियों के नाम।



COMPUTER

Q1. Write the names of any 5 programming languages, their inventors and uses of those languages.

Q2. Make a comparison table (four points) in the notebook.

| Low-Level Language | High-Level Language |

Q3. Draw a colourful poster on Generations of Programming Languages(A4 size sheet) and paste it in the notebook.

Q4. Learn the Syllabus of PT-1 and complete assignments in your notebook.



GENERAL KNOWLEDGE

1)- Prepare 10 GK questions with answers from topics like: Sports, Animals ,India, Science ,Current affairs of June(Do it in GK notebook)

2)- My State – My Pride

Make a colorful page about your state:

Famous food

Traditional dress

Tourist places

Famous personality

Festivals

(Do this in GK notebook)

3)- Complete book pages (3 to 35)



ART & CRAFT

*** Glass Painting on Glass with Glass Paints –**

A beautiful glass painting was made using colorful glass paints on a glass surface. Simple floral and scenery designs were added to give it a bright and elegant look.

*** Paint a Mug with Paints, Clay and Mirror –**

A plain mug was decorated with acrylic paints, clay designs, and small mirrors. Creative patterns and colorful detailing made the mug attractive and unique.

*** Make a Wall Hanging with Ice Cream Sticks –**

A decorative wall hanging was created using ice cream sticks, threads, and colors. Small ornaments, beads, and handmade designs were added for a beautiful finishing touch.

**RAMAKRISHNA SENIOR SECONDARY SCHOOL
PERIODIC TEST 1 DATESHEET [2026- 2027]**

Cir 2026-2027/Datesheet/1

April 30, 2026

Dear Parents,

Kindly note the schedule for Periodic Test 1 for Classes I – IX. Parents are requested to adhere to the following guidelines:

- 1) Clear all outstanding dues **before the Periodic Test - 1.**
- 2) **The School timings w.e.f. July 6 – 11, 2026 will be 7:50 am – 10:40 am.**
- 3) **It is mandatory for all the students to appear in Periodic Test - 1**
- 4) **School Buses will ply during the examination days.**
- 5) **Non - participation will result in exclusion of weightage for this portion from subsequent exams. Students are advised to approach the exam with diligence. Hence it is in the interest of the students to take this exam with all seriousness.**
- 6) **The examination will be cancelled, if a student is found cheating or adopting any unfair means i.e. using cheating slips, mobile phones, calculator, electronic gadget, smart watch etc.**
- 7) **Students should come to school on exam days.[Refer to the Datesheet].**
- 8) **Students must appear for the exam in proper school uniform.**
- 9) **Regular Classes will resume from July 13, 2026 [Monday].**
- 10) **Refer to the schedule below for PT-1:--**

Classes	July 6, 2026 [Monday]	July 7, 2026 [Tuesday]	July 8, 2026 [Wednesday]	July 9, 2026 [Thursday]	July 10, 2026 [Friday]	July 11, 2026 [Saturday]
I	English	Maths	Hindi	EVS	Computer	Holiday
II	English	Maths	Hindi	EVS	Computer	Holiday
III	Science	Hindi	English	Study Leave	Social Studies	Maths
IV	Social Studies	English	Maths	Study Leave	Hindi	Science
V	Science	Maths	Hindi	Study Leave	Social Studies	English
VI	Maths	Social Science	English	Hindi	Science	Sanskrit
VII	Social Science	Hindi	Sanskrit	Science	English	Maths
VIII	English	Science	Maths	Hindi	Sanskrit	Social Science
IX	Social Science	Maths	Science	IT	English	Hindi

The following subjects Periodic Test 1 will be held during the regular school hours on the mentioned date --

Exam Date	Classes	Subject
July 13, 2026 [Monday]	III – VIII	Computer , AI & IT

Your cooperation in this regard is greatly appreciated.

Examination Incharge

RAMAKRISHNA SENIOR SECONDARY SCHOOL
PERIODIC TEST -I SYLLABUS
SESSION 2026-27
CLASS 6

Subject	Syllabus
ENGLISH	<p>MCB Ch2: A Hero Ch3: How I taught my grandmother to read. Poem: Stars MORAL VALUES: C h - 1,2 GRAMMAR POWER Ch1 Nouns (Kinds) (Number) Ch 9 The Sentence (Kinds) WRITING: Notice Writing READING SKILLS: Comprehension Passage</p>
HINDI	<p>धरोहर पाठ-1,2,3 व्याकरण पाठ - 1 भाषा, लिपि और व्याकरण पाठ - 2 वर्ण विचार पाठ -3 शब्द विचार पाठ - 7 संज्ञा शब्द भंडार (पर्यायवाची, विलोम शब्द, वाक्यांश के लिए एक शब्द, अनेकार्थक, भिन्नार्थक) अपठित गद्यांश, अनुच्छेद पूरक पुस्तक :सरस कहानियां पाठ-1,2</p>
MATHS	<p>Chapter 1 - Patterns in Mathematics Chapter 2- Playing with Numbers Chapter 8 - Lines and angles</p>
SCIENCE	<p>Ch-2 Amazing World of Plants and Animals Ch-4 Exploring Magnets Ch-6 Sorting Materials</p>
S.SCIENCE	<p>Ch 1: Locating Places on the Earth Ch 4: Timeline and Sources of History CH 8: Unity in Diversity</p>
SANSKRIT	<p>कस्तूरी संस्कृत - 6 पाठ-1,2 व्याकरण - अव्यय , गणना (1-30 तक) , धातु रूप लट् लकार (पठ्,लिख्) , शब्द रूप पुल्लिंग (बालक , नर) , व्यवहारिक शब्द फलों के नाम ।</p>
COMPUTER	<p>Computer: Ch-1 Programming Languages IT: Ch-9 Digital Citizenship</p>