




D.A.V. PUBLIC SCHOOL, THANE

SESSION: 2026 – 2027

STD IV




TOPIC: Learning Beyond Boundaries – Explore, Integrate, Innovate





Date: 05.05.2026


Ref: DAV/Thane/2026 - 2027/Cir 10

Dear Parents,




The vacation for students is set to commence, marking the beginning of a well - deserved break from the academic routine. The school reopens on Tuesday, June 16, 2026 after the summer break.

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- **VACATION ASSIGNMENT:** During the Summer vacations, students have to complete the Assignments given.
  - The submission date for the Project is Thursday, June 25, 2026.
  - School office working days during the summer holidays, will be from Monday to Friday between 10:00 am to 1:00 pm.
  - The office will remain closed on all Saturdays.
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*Wishing all our parents and students, a very Happy Summer Vacation!!!*

*Stay Safe and Healthy!!*



Warm Regards  
Mrs. Simmi Juneja  
Principal

## English

### WHEN PAST MEETS FUTURE.

Imagine yourself to be modern robot who meets a worker from the past.

Write a conversation (of 5-6 dialogues) showing:

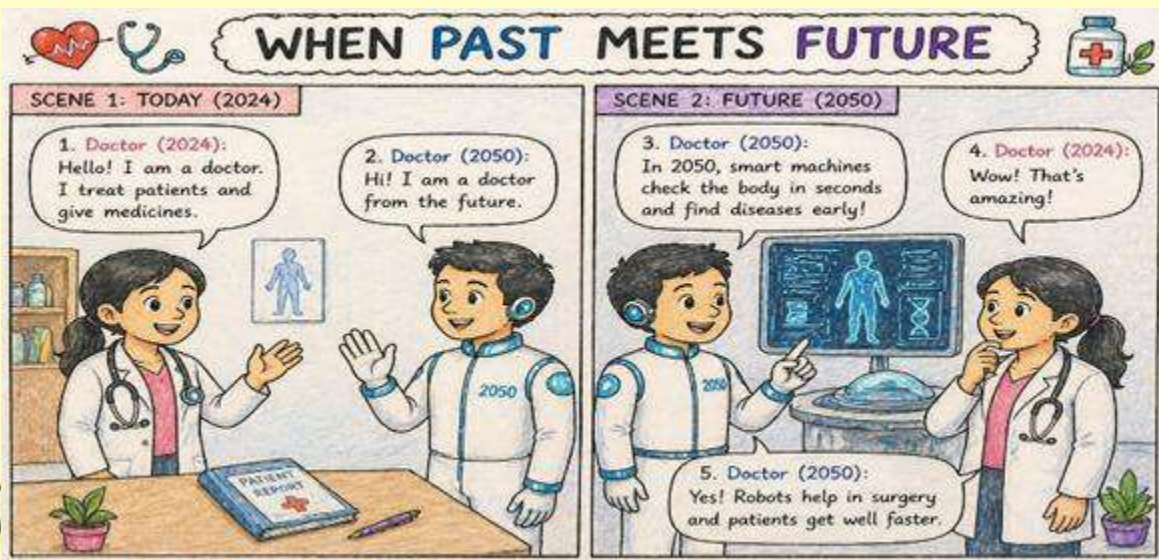
How the work was done earlier Versus How it is done now with machines/technology.

✦ Example:

🤖 **Robot:** I can do farming with machines!

👨 **Farmer:** Earlier, I worked all day with bullocks.

Make a creative presentation on an A4 size coloured paper



## Hindi

सच्चाई से विश्वास और सम्मान मिलता है, इस सीख के आधार पर एक मनचाही कहानी लिखिए ।

संकेत बिंदु-

1. एक दिन की बात है ....
2. विद्यालय में कैसे से भरे बटुए का मिलना
3. छात्र के मन में अलग-अलग विचारों का आना
4. बटुए का शिक्षिका को लौटाना
5. शिक्षिका द्वारा छात्र का कक्षा में सम्मान ....

(नोट - आप अपनी ओर से इस कहानी को कोई दूसरी सीख दे सकते हैं)

## Marathi

आपले मराठी महिने व त्या महिन्यांमध्ये येणाऱ्या सणांची नावे A4 SIZE आकाराच्या रंगीत पेपरवर लिहा.

तुम्हाला आवडणाऱ्या सणांबद्दल एक-एक वाक्य लिहा व सुंदररित्या सादर करा.

Key Points -

- \* मराठी महिने
- \* सणांची नावे
- \* सणांबद्दल माहिती
- \* चित्रांद्वारे सादरीकरण

## Mathematics

“Exploring the Space through Numbers”

“The Moon is far, but numbers bring it within our reach.”

Students will explore the space by finding the distance from Earth to the Moon (in km) and answer the questions based on their findings on an A4 size paper.

Q1. Write the distance between Earth and the Moon in words (number name).

Q2. Represent the distance on an abacus.

Q3. Write the place and place value of each digit.

Q4. Express the distance in expanded form.

Q5. Make a colourful necklace using 6 different shapes. Write one digit of the distance on each shape in the correct order.



OR

Q5. Design a model of the Earth and the Moon with a rocket travelling between them, clearly showing the distance from Earth to the Moon.



## Science

### Mini Tie & Dye Magic

Make your own dye with the help of an adult by following the steps given below.

Take petals from about 10–15 flowers (rose/hibiscus/kachnar/marigold) in a bowl.

\*Add a little warm water.

\*Crush or grind the petals well.

\*Strain the coloured water. Your natural dye is ready.

\*Take a small piece of cloth or paper.

\*Fold, twist, or tie it with thread or a rubber band.

\*Dip it in the flower dye.

\*Open it and let it dry to get a beautiful pattern.

Also think and answer on A4 size paper.

Why are natural colours good for us and for nature?

Which Indian state is famous for Tie and Dye.

#### 3. PATTERNS AND TECHNIQUES

Different tying techniques create different patterns.



##### Spiral

Created by twisting the fabric from the center and tying.



##### Bullseye

Made by binding the center part tightly and dyeing in rings.



##### Crinkle

Made by crumpling the fabric randomly and tying.



##### Stripes

Made by folding the fabric in pleats and dyeing.

## Social Science

### Span the Nation - Young Engineers in Action

\*Be a Young Engineer! Imagine yourself as a creative bridge designer.

\*Choose any one bridge style from the chapter Bricks and Bridges. For.e.g - Suspension, Beam, Arch, Cable-Stayed, etc.

\*Instructions:

\*Create a 3D model using easily available materials like cardboard, ice cream sticks, straws, thread, rope, or paper.

\*Decorate your model with colours, labels, and add mini vehicles, people, or river/road effects to make it lively.

\*Add Fact Tags: Include 3–5 “Did You Know?” cards with interesting facts such as length, location, or special features.

### \*Recommended Bridge Model Size

\*Base Size: About 30 cm × 20 cm (A4 sheet size)

\*Bridge Length: Around 20–25 cm (leave space on sides for decorations)

\*Height: Around 15–25 cm (depending on bridge type like suspension or cable-stayed)



## Computer

### Mini Survey Project

**Concept:** Uses of computers in society

**Task:** Ask 3–5 people:

**Name of the Person:**

1. Where do you use computers?
2. For what purpose?
3. Do you think computer has made you work / life easier? How?

**Application:** Builds communication + awareness of real-life usage.

Type the above survey details in Word document and mail it to your teacher : [swatistd4pdf@gmail.com](mailto:swatistd4pdf@gmail.com)

## Art/ Craft

**Topic :- Doodle Art -Healthy food**

**Steps-**

1. Students will take A4 size paper.
2. Students will draw circles, lines, waves or just basic shapes.
3. Turn shapes into healthy food items, give them human characteristics like face, hands etc. as per your creativity
4. Fill spaces with dots, stripes, zig-zag and spiral patterns.
5. Add a few words or symbols related to health and fitness.

**Medium of colour:-** black CD marker pen, brush pen for colouring.



## Music

Students will learn the patriotic song "Hum honge Kamayab"- and make their creative video and mail it to the given email id :

[aptekaustubhdavthane@gmail.com](mailto:aptekaustubhdavthane@gmail.com)

Students will refer the below given link

<https://youtu.be/xcmJ2OSBoao?si=Iln68B68zNfeD DxN>

## Sports

### "Start Smart: Power packed Breakfast"

Students will maintain record of their healthy breakfast regime for the week.

Students will eat Healthy food items for breakfast (mention the name of the food item) and record its Health Benefits.

They will make tabular format on A4 size paper for keeping the record.