

Beetle's International School

Summer Holiday Assignment (2026-27)



Summer Fun

Summer is here, bright and clear,
The sun is shining, skies are near.
Ice cream treats, so cool and sweet.
Running barefoot, feel the heat!
Splash in the pool, have some fun,
Laugh and play, under the Sun.
Flowers bloom and birds sing high,
Summer's the time to reach the sky!

Dear Parents

Holiday Assignments aim to reinforce learning and prevent 'summer slide' through engaging, creative tasks rather than repetitive work. Effective and impressive assignments include project based work. Reading, research and experiential learning allowing students to explore subjects in a stress free way. It encourages responsibility and keeps young minds active.

We encourage you to go along with your child on this journey of exploration. Together, let's make this summer break one filled with accomplishments, joys, and priceless memories.

Kindly be informed that Holiday Assignment will be assessed and evaluated and marks scored will be included in the forthcoming Exam.

School reopens after Summer Vacation on Wednesday 17th June 2026 at 8.00 am. (Summer Schedule follows)

I wish everyone a wonderful and refreshing break!

Last date for submission of Holiday Assignment is to be followed according to the schedule given below:

Wednesday 1 st July 2026	Science/ Physics/ Chemistry/ Biology
Thursday 2 nd July 2026	English/ Hindi/ Sanskrit
Friday 3 rd July 2026	Maths/ Computer Science/ I.T./ I.P./ Abacus
Saturday 4 th July 2026	Social Science/ Political Science/ Geography/ History/ Ev.S
Monday 6 th July 2026	Accountancy/ B.St./ Economics/ Yoga/ Ph. Ed.

Principal

Class XI Science

Subject : English

- Q. 1 Design a paper version of Social Media Post for "A Photograph" or "The Portrait of a Lady" using sketches/ photographs representing the theme or mood of the writer / poet.
- Q. 2 Create a custom newspaper, divide the project into National News, International News, Sports News, and Arts / Entertainment. (images for at least 40% of the news must be drawn)
- Q. 3 Watch a fictional/ biographical English Movie:
- Describe any 3 characters.
 - Give your critical opinion.
 - Message that the movie conveys.

iv) Draw a poster that describes the movie.

- Q. 4 Draw a 3D fictional character with an un-natural power and craft a mini-comic book on it fighting against a natural or social issue.
- Q. 5 Compose a beautiful poem of 14 lines rhyming 'abba, abba, cde, cde' on the theme of loss and recovery Draw/paste a related photo.

Subject : Biology

- Q. 1 Make a Herbarium tile, collect and paste 5-10 leaves.

Mention:

Common Name

Scientific name

Leaf type (simple / compound)

Venation

- Q. 2 Make a 3D model/ chart. Topic mentioned in the diary of students.
- Q. 3 Make comparative study chart (Topic mentioned in the doing of students)
- Q. 4 Make a project file on "Intelligent Robotics in Health Care.
- Q. 5 Complete your Lab manual as per the PDF saved.

Subject : Maths

- Q. 1 Prepare chart for all trigonometrical function on chart paper (drawing sheet). (Roll No. 4)
- Q. 2 Prepare chart for all permutation and combination formulae. (Roll No. Kritika)
- Q. 3 Prepare chart for all sequence and series formulae on chart paper. (Roll No. Harshvardhan)
- Q. 4 Prepare chart for all Straight line formulae. (Roll No. Uday)
- Q. 5 Prepare chart for all Binomial theorem formulae. (Roll No. Niharika)
- Q. 6 Prepare chart for all complex no. and quadratic equations formulae. (Roll No. Lakshaya Pratap)
- Q. 7 Prepare chart for all 3D Geometry formulae. (Roll No. Bhavya Salu)
- Q. 8 Prepare chart for all Statistics formulae. (Roll No. 3)
- Q. 9 Prepare chart for all probability formulae. (Roll No. Saksham)

Subject : Chemistry

- Q. 1 Make a working model of Electrolysis of water.
- Q. 2 Galvanic (Daniell) cell working model.
- Q. 3 Electroplating (copper/ silver coating).
- Q. 4 Osmosis/ Osmotic pressure demonstration.
- Q. 5 Fractional distillation working set up.
- Q. 6 Paper chromatography (ink/ pigment separation).
- Q. 7 Le-chatelier principle demonstration.
- Q. 8 Titration.
- Q. 9 Biogas reactor by kitchen waste.
- Q. 10 Adulteration in food.

Subject : Physics

- Q. 1 Case study based: Nano Technology
- Q. 2 Study on current tech: ASML (Advance Semiconductor Materials Litnography)
- Q. 3 Complete your physics lab. record (without readings)
- Q. 4 Make working model based on Science (topic mentioned in Students Diary)
- Q. 5 Make a chart on (3D)
- Types of vectors and their addition (Roll No. 1-10)
 - Types of motion. (Roll No. 11-20)
 - Fundamental Quntities. (Roll No. 21-30)
 - Fundamental Forces. (Roll No. 31-40)

Subject : Physical Education

Lab Mannual

Practical 1

Physical Fitness Test: SAI Khelo India Test

Practical 2

Procedure for Asanas, benifits and contraindication for any two Asanas each life style disease.

Practical 3

Labelled Diagram of field and equipment (Rules, Terninologies and skilles) of any one IOA recognised sport/ game.

- 1 Basket Ball
- 2 Kabaddi
- 3 Volley Ball
- 4 Kho-Kho
- 5 Foot Ball
- 6 Atheletics

Note: Make model of above games' also (3D)

Subject : Yoga

Lab Mannual

- 1) Suray Namaskar
- 2) Halasana
- 3) Pawan Muktasana
- 4) Bhujangasana
- 5) Shalabhasana
- 6) Gomukhasana
- 7) Vakrasana
- 8) Ustrasana

- 9) Mandukasana
- 10) Shashankasana
- 11) Janusirasana
- 12) Vrikshasana
- 13) Padahatansana
- 14) Nadishodhana or Anuloma Viloma
- 15) Dhyana Mudra
- 16) Meditation
- 17) Sheetal Pranayama
- 18) Ujjayi Pranayama

Model Making 3-D

Ujjayi Pranayama

Sheetali Pranayama

Subject : Informatics Practices and AI

- Q. 1 Prepare a working model of Automatic Water Dispenser.
- Q. 2 Prepare a Automatic Street Light Project.
- Q. 3 Prepare a laser alarm security system using AI.
- Q. 4 Create models of the following:
 - a) Star Topology
 - b) Ring Topology
 - c) Bus Topology
 - d) Mesh Topology



BEETLE'S
INTERNATIONAL SCHOOL
Sumel Road, Agra Road, Jaipur

Summer

Camp

Charges : 1200/- per activity per student 18th May to 10th June 2026 :

Taekwondo 6.30 am to 7.30 am Contact: Manish Khadolia Mobile No. 9602273061	Theatre 9.30 am to 10.30 am Contact : Kuldeep Vyas Mobile No. 9610851391	Cricket Morning & Evening Batches Contact : Sanjay Sharma Mobile No. 9358358735
Skating 7.30 am to 8.30 am Badminton 8.30 am to 9.30 am Contact : Rama Shankar Tyagi Mobile No. 9001806926		



Operating hours

Morning

Batch - 1 : 06.15 AM to 7.00 AM

Batch - 2 : 7.00 AM to 7.45 AM

Batch - 3 : 7.45 AM to 8.30 AM

Batch - 4 : 8.30 AM to 9.15 AM

Evening

Batch - 1 : 5.00 PM to 5.45 PM

Batch - 2 : 5.45 PM to 6.30 PM

Batch - 3 : 6.30 PM to 7.15 PM

Trainer Facility: Yes

Swimming



2,500 INR per month for BIS students

Charges : Per Hour: 250 INR, Monthly – 3,000 INR, Quarterly – 7,500 INR for outsiders

Contact : Suresh Kumar Soyal Mob. No. 9660365890