

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 XII (Humanities)

Subject : English

- Q. 1 Create a Magazine of your own on the theme of "Advancing Science".
Include → Original Poems, short stories, monologues, interviews, riddles, crosswords, and articles on unique discoveries and invention, and creative advertisement for imaginative products. Paste pictures, drawings and sketches.
- Q. 2 Watch a science fiction movie/show
- Describe plots with images.
 - The descriptive sketch of the character you liked the Most in it.
 - Create a hand made Instagram post erotically reviewing it with the poster.

- Q. 3 Create a travelogue from the perspective of 'Anees Jung' describing how she encounters under-privileged children of India.
- Q. 4 Based on "My Mother at sixty-six" and create a collage of your mother / guardian comparing twenty years before and now.
- Q. 5 Draw a comic on the story of "The Third Level" also create a 3-D structure of the tree that represents the Grand Central Station as the way compared by the narrator.
- Q. 6 Read a novel of your own choice. Draw character sketch of the main characters depicting theme, and analyze the plot with any of the story from your text books. (Analytical thinking)
 * Make a project file compiling the work in it.
 focus on original expression rather than just lifting content from the internet.

Subject : Geography

- Q. 1 Prepare a 3D model on types of different rural settlements. (R. No. 1-3)
- Q. 2 Prepare a 3D model showing different ports of India. (R. No. 4-6)
- Q. 3 Prepare a 3D model of different primary activities in India. (R. No. 7-9)
- Q. 4 Prepare a 3D model of live volcano eruption. (R. No. 10-12)
- Q. 5 Prepare a 3D model of different secondary activities in India. (R. No. 13-15)
- Q. 6 Prepare a 3D model of population distribution India. (R. No. 16-18)
- Q. 7 Prepare a 3D model of demographic transition in India. (R. No. 19-20)

Subject : Political Science

- Q. 1 The Electronic Voting Machine (EVM) and VVPAT System (R. No. 1 to 3)
 This is one of the most effective working models for demonstrating the democratic process in India.
 The concept: Show how a vote is cast and how the Voter Verifiable Paper Audit Trail (VVPAT) confirms that vote.
 How it "Works": * use a cardboard box styled as a Ballot Unit with buttons (you can use simple push-switches).
 Connect the switches to a small LED light or a simple buzzer circuit.
 The VVPAT element: Create a small viewing window with a manual or motorized roller that displays a slip with the candidate's symbol for 7 seconds after a button is pressed.
 Significance: Demonstrates transparency, the role of the Election Commission, and the transition from paper ballots to digital technology.
- Q. 2 The Unipolar vs. Multipolar World (Magnetic Model) (R.No. 4 to 6)
 This model visualizes the shift in global power dynamics from the Cold War to the present day.
 The Concept: Illustrate the "Bipolar" world (USA vs. USSR), the "Unipolar" moment (US hegemony), and the emerging "Multipolar" world.
 How it "Works":

Bipolarity: Place two strong magnets at the USA and Russia locations. use iron filings or smaller magnetic pins to show how other countries are "pulled" into their respective blocs.

Multipolarity: Shift the magnets to include new centers of power like the EU, China, India, and ASEAN to show how the "pull" is now distributed across the globe.

Significance: Explains concepts from the "Alternative Centres of Power" chapter.

Q. 3 The Federal Structure "Balance scale" (R. No. 7 to 10)

This model demonstrates the distribution of power between the Union and the States.

The Concept: Visualizing the Union List, State List, and Concurrent List.

How it "Works":

Construct a physical balance scale (like a beam balance).

On one side, place weights representing "Union Powers" (Defense, Foreign Affairs, Banking).

On the other, place weights for "state Powers" (Police, Agriculture, Trade)

Use a central "Concurrent" tray to show shared powers (Education, Forests).

You can demonstrate "Residuary Powers" by showing how the Union side is designed to carry slightly more weight/authority in the Indian context (Quasi-federalism).

Significance: Simplifies the complex power-sharing transition discussed in Indian politics.

Tips for High marks:

The Synopsis: Always carry a 2-page report explaining the "Working" mechanism, the political theory behind it, and its relevance today.

The Presentation: Use clear labels. For example, if you make the EVM, include labels for the "Control unit" and "Ballot Unit."

Interactive Element: ensure the teacher or examiner can actually press a button or move a piece to see the "result."

Q. 4 The United Nations Security council (Rotating Power Wheel) (R. No. 11-13)

This model explains the structure of the UNSC and the controversial "Veto Power."

The concept: Distinguishing between Permanent (P5) and Non-Permanent members.

How it "Works": * Create a large circular board with a rotating inner wheel.

The outer ring stays fixed with the names/flags of the P5 members (USA, UK, France, Russia, China).

The inner wheel rotates to show different sets of Non-permanent members (representing how they change every two years).

The "Veto" Button: Install a red "Veto" light. If any P5 member "presses" it (closes a simple circuit), a sign lights up saying "Resolution Blocked," demonstrating that even if all others agree, one P5 member can stop a decision.

Significance: Great for the chapter "International Organisations."

Q. 5 The "Coalition Era" Jenga Tower (R. No. 14 to 17)

This is a tactile way to show the instability or "Compulsion of Coalition Politics" in India.

The Concept: Demonstrating how regional parties support a central government.

How it "Works": *Use large wooden or cardboard blocks. The base blocks represent major national Parties.

Smaller, colourful blocks represent Regional Parties (labeled with names like TMC, DMK, AAP, etc.).

Build the tower so that the "Government" (top floor) only stays upright if the smaller blocks stay in place.

The action: Show what happens when a "Support Withdrawal" occurs-removing a small block makes the whole structure wobble or fall.

Significance: Covers "Recent Developments in Indian Politics."

Q. 6 The ASEAN Way (The Interactive Map) (R. No. 18-20)

This model focuses on regional cooperation and the "Alternative Centres of Power."

The Concept: Showcasing the 10 ASEAN nations and their pillars of cooperation.

How it "Works": *Create a map of Southeast Asia on a wooden board.

Place an LED next to each of the 10 members nations.

Use a "Selection Dial." When the user points the dial to a specific pillar (e.g., ASEAN Economic Community), all 10 lights glow together to symbolize unit and the "ASEAN Way."

Significance: Visually represents the strength of regional blocs outside of Western hegemony.

Subject : History **Practical File**

Ancient History:

- Q. 1 The Indus Valley Civilization: A study of town planning, art, and artifacts (Mohenjo-daro/ Harappa). (R. No. 1)
- Q. 2 The Mauryan Empire: Administration and legacy of Ashoka. (R. No. 2)
- Q. 3 The Mahabharata: Analyzing the epic through the eyes of a reader/historical interpretation. ((R. No. 3)
- Q. 4 The history and culture of the Vedic period. (R. No. 4)
- Q. 5 The Vijayanagara Empire: Architectural culture of Hampi. (R. No. 5)
- Q. 6 Bhakti-Sufi Tradition: Philosophies of Kabir, Nanak, and Chishti Sufies. (R. No. 6)

- Q. 7 The Mughal Empire: Life of women in rural society or a study of Mughal paintings. (R. No. 7)
- Q. 8 Travellers' Accounts: Insights from ibn Battuta or Bernier on the Mughal empire. (R. No. 8)
- Q. 9 The Revolt of 1857: Causes, leadership, and vision of unity. (R. No. 9)
- Q. 10 Mahatma Gandhi: Role in the National Movement and his legacy. (R. No. 10)
- Q. 11 Partition of 1947: Its impact on common people and division of hearts. (R. No. 11)
- Q. 12 The Indian Constitution: The process and making of the Constitution. (R. No. 12)

Model

- Harappan Civilization (Town Planning) create a 3D model of Mohenjo-Daro featuring the Great Bath, Citadel and Drainage system.
Raunak Meena and Monika Meena
- Archaeological Artifact: Exhibit replicas of Harappan seals, beads, and pottery to discuss Indus Valley trade and culture.
Vanshika Sharma and Komal Gurjar
- Thinkers and belief: 3D model of Sanchi Stupa.
Aryan Sharma and Vedansh Saini
- Vijaynagara Architecture: A 3D architectural model of the Hampi Evins focussing on the Mohanami Dibba or the Virupaksha Temple.
Chhavi Singh and Kanak Singh
- Travellers Accounts: A diary style interactive model or map tracing the journeys of travelers like All-Biruni, Ibn Battura and Bernier.
Akhil Sharma
- A dark chapter in Indian History : Make a 3D model of "Jallianwala Bagh. (Events of April 13, 1919)
Victoria Nirwani and Aadhya Sharma

Subject : Applied Mathematics

- Q. 1 Prepare chart for all formula of numbers, quantifications, numerical applications on chart paper. (Roll No.)
- Q. 2 Numerical Inequalities (Roll No.)
- Q. 3 Probability on chart paper. (Roll No. 3, 6)
- Q. 4 Inferential statistics. (Roll No. 9, 10)
- Q. 5 Perpetuity, sinking fords, EMI (Roll No.)
- Q. 6 Returns, growth and depreciation (Roll No. 15, 16)
- Q. 7 Linear programing. (Roll No.1)
- Q. 8 Matrices and Detasminents. (Roll No.2, 17)
- Q. 9 Differentiations. (Roll No. 9, 18)
- Q. 10 Integrations. (Roll No. 4, 12, 6)

Subject : Physical Education

Practical 1

Physical Fitness Test : SAI Khelo India Test

Practical 2

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

Practical 3

Labelled diagram of field and equipment (rules, terminologies and skilles) of any one IOA recognised sport / game

1 Basketball

2 Kabaddi

3 Volleyball

4 Kho-Kho

5 Foot Ball

6 Athletics

Note: Make Model of above Game's also (3D)

1	Basketball
2	Kabaddi
3	Volleyball
4	Athletics

Subject : Yoga Project Work

	Student's Name	Topic
1)	Aadhya	Yoga for Stress Management
2)	Akhil Sharma	Ashtanga Yoga
3)	Aryan Sharma	Yama and Niyama in Yoga
4)	Chhavi Singh	Yoga for sports performance
5)	Divyanshi Rawat	Yoga for flexibility
6)	Kanak Singh	Survey on yoga awareness
7)	Komal Gurjar	Effect of yoga on academic
8)	Mahini Sharma	Yoga habits among teenagers
9)	Monika Meena	Yoga for Endurance
10)	Neetu Shersiya	Yoga for injury prevention
11)	Nikhil Gadiwal	Yoga and posture correction
12)	Parul Tomar	Yoga in school curriculum
13)	Payal Sharma	Seating asana and benefits
14)	Raunak Meena	Backward bending asana
15)	Shivam Sharma	Yoga for Arthritis
16)	Shivam Sharma	Yoga for senior citizens
17)	Tanmay Khandelwal	Yoga for anger management
18)	Vanshika Sharma	Yoga for sedentary life style

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| 19) | Vedansh Saini | Yoga for fatigue reduction |
| 20) | Victoriya Nirwan | Yoga for student's discipline |

Lab Manual

- 1) Aadhya -> Bhakti Yoga
- 2) Akhil Sharma -> Jnana Yoga
- 3) Aryan Sharma -> Yoga in Ancient India
- 4) Chhavi Singh -> Yoga for Senior Citizens
- 5) Divyanshi Rawat -> Yoga for Athletes
- 6) Kanak Singh -> Yoga for School Children
- 7) Komal Gurjar -> Yoga and Self-Control
- 8) Mahini Sharma -> Yoga for Emotional Balance
- 9) Monika Meena -> Yoga for Women's health
- 10) Neetu Shersiya -> Concept of Shatkrama
- 11) Nikhil Godiwal -> Types of meditation in Yoga
- 12) Parul Tomar -> Yoga and Holistic Health
- 13) Payal Sharma -> Yoga as Preventive Therapy
- 14) Raunak Meena -> Yoga and Spiritual Development
- 15) Shivam Sharma -> Effect of Asanas on body system
- 16) Shivam Sharma -> Classification of Asanas
- 17) Tanmay Khandelwal -> Principles of performing Asan
- 18) Vanshika Sharma -> Yoga for Lifestyle Diseases
- 19) Vedansh Saini -> Yoga and Nervous system
- 20) Victoriya Nirwan -> Yoga and sleep improvement

Model Note:

R.N 1 to 10 -> 3D Demonstration of Seven Chakras

R.N 11 to 20 -> 3D Demonstration of Three Nadis (Nervous System)

Subject : Economics

Model Demand and Supply curves made using chart paper or thermocol.

Project work:

- a) Impact of Covid-19 on Indian Economy.
- b) Demonetization and its impact.
- c) Economic reforms since 1991.
- d) digital Indian Movement.

Research and Survey

What people think about raising inflation?

Project: Inflation in Indian – causes, effects, and data analysis.

Subject : Informatics Practices

- Q. 1 Prepare the lab manual of IP.
Q. 2 Prepare a working model on smart dustbin.
Q. 3 Prepare a working model on smart switch.
Q. 4 Prepare a working model on traffic signal/light.
Q. 5 Prepare a creative poster on "Information Technology".



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
Skating 7.30 am to 8.30 am Badminton 8.30 am to 9.30 am Contact : Rama Shankar Tyagi Mobile No. 9001806926	 Cricket Morning & Evening Batches Contact : Sanjay Sharma Mobile No. 9358358735

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