

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

X

Subject : English

- Q. 1 Design mind maps using pictures/drawing for at least two chapters from the text book.
- Q. 2 Design a 3- fold travelogue brochure about a sustainable tourist destination in India, showing its local cultural, heritage, unique customs or practices. use visual illustrations.
- Q. 3 Read any two poems of Robert Frost (apart from the syllabus) 'Draw the sketch for the background that also explains each poem's theme. Give stanza wise explanation also include the mention of main character and the role in the poem.

- Q. 4 Read a novella on the theme of kindness and compassion and create a comic of at least 5 pages containing 4 panels each.
- Q. 5 Compose poems that show the same message as the poem given in the textbook.
- Q. 6 Make a 3D or working model on any topic of the Grammar.

विषय : हिंदी

- प्र. 1 संज्ञा की परिभाषा और उसके भेदों को सचित्र मॉडल द्वारा प्रदर्शित कीजिए। (A to D)
- प्र. 2 सर्वनाम की परिभाषा और उसके भेदों को सचित्र मॉडल द्वारा प्रदर्शित कीजिए। (E to H)
- प्र. 3 विशेषण की परिभाषा और उसके भेदों को सचित्र मॉडल द्वारा प्रदर्शित कीजिए। (I to L)
- प्र. 4 वाक्य की परिभाषा लिखते हुए रचना के आधार पर भेदों का सचित्र वर्णन मॉडल द्वारा प्रदर्शित कीजिए। (M to O)
- प्र. 5 अलंकार एवं और उसके भेदों को सचित्र मॉडल द्वारा प्रदर्शित कीजिए। (P to R)
- प्र. 6 वाच्य की परिभाषा और उसके भेदों को सचित्र मॉडल द्वारा प्रदर्शित कीजिए। (S to U)
- प्र. 7 अपनी पाठ्यपुस्तक में से कठिन शब्दों का चयन करते हुए कम से कम 201 शब्दों का एक हिंदी शब्दकोश स्क्रेपबुक में तैयार कीजिए। (V to Z)

विषय: संस्कृत

- प्र. 1 स्वपाठ्य पुस्तकस्य कोऽपि दश श्लोकाः लेखनीया – चार्ट पेपर पर (A to E)
- प्र. 2 चित्र वर्णनम् कोऽपि (दो) चार्ट पेपर पर (F to I)
- प्र. 3 संधि – चार्ट पेपर पर (J to M)
- प्र. 4 समासाः – चार्ट पेपर पर (N to S)
- प्र. 5 समयः घटिका चित्र निर्माय समय लेखनम् – चार्ट पेपर पर (T to Z)

Subject : Maths

- Q. 1. Prepare list of all formula and concept of real number on chart paper: (Roll No. 24 A)
- Q. 2. Prepare list of all formula of polynomials on chart paper. (Roll No. 22 B, 15 C, 28 A and C)
- Q. 3. Prepare list of all formula of (pair of lineal equation) (Roll No. 5 B, 15 B, 21 A and C)
- Q. 4. Prepare list of all formula of "quadratic equations" (Roll No. 20, 9, 12)

- Q. 5. Prepare list of all formula of A.P. (Roll No. 11 A and C)
- Q. 6. Prepare list of all formula of triangle (Roll No. 13, 20 A and C)
- Q. 7. Prepare list of all formula of trigonometry (Roll No. 22) (Roll No.) 3, 7 A and C
- Q. 8. Prepare list of all formula of Application of Trigonometry (Roll No. 2 C)
- Q. 9. Prepare list of all formula of coordinate Geometry (Roll No. 17, 16 A and C)
- Q. 10. Prepare list of all formula of circles. (Roll No. 13 A and C) (Roll No. 12, 1 A and C)
- Q. 11. Prepare list of all formula of area related to grades (Roll No. 6, 5, 8 A and C)
- Q. 12. Prepare list of all formula of surface area volume (Roll No. 15, 27, 2 A and C)
- Q. 13. Prepare list of all formula of statistics (Roll No. 1, 13, 20 A and C)
- Q. 14. Prepare list of all formula of probability. (Roll No. 16 A, 18 A and C)

Subject : Science

- Q. 1 Case Study : Pollution Control
- Q. 2 Study on Current Tech.
Data – Centers
- Q. 3 Prepare working model based on the given topic. (Topic mentioned in the diary of student)
- Q. 4 Prepare chart on (3D)
- Reflection of light (Sr. No. 1-5)
 - Refraction of light (Sr. No. 6-10)
 - Image formation for concave mirror. (Sr. No. 11-15)
 - Nervous system (Sr. No. 16-20)
 - Skeletal system (Sr. No. 21-25)
 - Cardio Vascular System (Sr. No. 26-30)
 - Periodic Table (Sr. No. 31-35)
 - Balancing of Chemical Reactions (Sr. No. 36-40)

Subject : Social Science

- Q. 1** Multipurpose River Valley Project (Hydropower) (R. No. 1-3)
The concept: Demonstrating how dams manage water for irrigation and electricity.
The Mechanism: Build a reservoir using a plastic container. use a small DC water pump to push water through a "penstock" (pipe) to hit a turbine made of bottle caps. Connect the turbine to a small motor that acts as a generator to light up an LED.
- Q. 2** The Guttenberg Printing Press (R. No. 4-6)
The Concept: How the first printing press mechanized the production of books.
The Mechanism: Create a screw-press mechanism using a long bolt and nut fixed to a wooden or cardboard frame. Students can carve a "block" with a letter, apply ink, and turn the screw to press the paper against the block.
Syllabus Link: History (Print Culture and the Modern World).
- Q. 3** Soil erosion and Conservation Trays (R. No. 7-9)
The Concept: Comparing how different land covers prevent soil runoff.
The Mechanism: Use three inclined trays filled with soil: one bare, one with dry leaves/ mulch, and one with sprouted grass. Pour equal amounts of water at the top of each and collect the "runoff" in transparent cups at the bottom to show which setup retains the most soil.
Syllabus Link: Geography (Resources and Development).
- Q. 4** Interactive Map of Federalism (R. No. 10-12)
The concept: Understanding the division of powers between the Union and State governments.
The Mechanism: Create a "Quiz Board" using a battery, wires, and a bulb. On one side, list "Subjects" (e.g., Defense, Police, Education) and on the other, the "Lists" (Union, State, Concurrent). When the student touches the correct subject and list with the probes, the bulb lights up.
Syllabus Link: Political Science (Federalism).
- Q. 5** The Economic Flow (Sector Interdependence) (R. No. 13-15)
The Concept: Showing how the Primary, Secondary, and Tertiary sectors are linked.

The Mechanism: Use a conveyor belt system (cardboard rollers and a rubber band) or a marble run. The "raw material" (marble) moves from the Farm (Primary) to the Factory (Secondary) via a Truck (Tertiary). LEDs can light up at each station to show the value addition at every stage.

Syllabus Link: economics (Sectors of the Indian Economy).

Q. 6 Rainfall Harvesting System (R. No. 16-18)

The concept: Modern and traditional techniques of water conservation.

The Mechanism: Show the water travelling through gutters into a filtration tank (layers of sand and gravel) and finally into a storage "Well" or underground tank.

Syllabus Link: Geography (Water Resources).

Q. 7 The "Levels of Government" Hydraulic Lift (R. No. 19-21)

The Concept: Demonstrating the vertical Power Sharing in a federal structure.

The Mechanism: Use three platforms (Union, State, Local) connected by medical syringes and plastic tubing (hydraulics). When you press the syringe at the "Union" level, it can lift or lower the other levels to show how power is shared and distributed across different tiers.

Syllabus Link: Political Science (Power Sharing).

Q. 8 Seismograph (Natural Disaster Management) (R. No. 22-25)

The Concept: How technology helps in measuring geological activity and protecting human life.

The Mechanism: Use a weighted pen suspended by a string over a rolling scroll of paper (rotated by a small motor or hand-crank). When the base is shaken, the pen draws a jagged line. This connects well with lessons on resource conservation and infrastructure planning.

Syllabus Link: Geography (Contemporary India).

Q. 9 Spinning "Consumer Rights" Wheel (R. No. 26-29)

The Concept: Educating citizens on the various protections under COPRA (Consumer Protection Act).

The Mechanism: A large vertical spinning wheel divided into segments (Right to Safety, Right to Information, Right to Choose, etc.). Behind the wheel, use a simple copper tape circuit so that when the wheel stops on a specific right, a corresponding light glows next to a description of that right.

Syllabus Link: Economics (Consumer Rights).

Q. 10 The Silk route (Trade & Globalization). (R. No. 30-32)

The Concept: Visualizing the historical movement of goods and ideas across continents.

The Mechanism: Create a motorized belt or a magnetic slider under a map of Asia and Europe. Attach small "cargo" icons (Silk, Spices, Pottery). As the magnets move, the goods travel from China to Rome, demonstrating how trade linked the pre-modern world.

Syllabus Link: History (The Making of a Global World).

Q. 11 Wind Energy Farm. (R. No. 33-34)

The Concept: Renewable energy as a solution for sustainable development.

The Mechanism: use small DC motors as windmills, When air from a fan hits the blades, it generates enough current to light up a small "Village" model. This demonstrates the conversion of kinetic energy into electrical energy for social unwittily.

Syllabus Link: Geography (Minerals and Energy Resources).

Q. 12 The "Chain of Markets" Marble Run. (R. No. 35-36)

The Concept: Understanding the journey of a product from producer to consumer.

The Mechanism: A vertical gravity-fed track where marble (the product) passes through different gates: Producer → Wholesaler → Retailer → Consumer. Each gate can have a "toll" (price increase) shown by small digital displays or mechanical counters to show how the price rises at each stage.

Syllabus Link: Economics (Sectors of the Indian Economy).

Q. 13 Solar Irrigation System. (R. No. 37-38)

The Mechanism: Connect a small solar panel to a submersible water pump in a miniature field. When a light source (sun) hits the panel, the pump activates and waters the crops through a drip irrigation pipe system.

Subject : Information Technology

- Q. 1 Prepare a chart on cyber security awareness. (Chart should be colourful and decorated).
- Q. 2 Prepare a 2D chart for shortcut keys of keyboard to master keyboard efficiency.
- Q. 3 Make a chart on different uses of information technology in different fields:
- Personal and Professional.
 - Education
 - Healthcare
 - Bank
 - Marketing
- Q. 4 Learn part A, Unit – 2 and 5.



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 Soyol Mob. No. 9660365890