



DELHI PUBLIC SCHOOL ALIGARH
HOLIDAY HOMEWORK
CLASS - VI



Create, Imagine, Discover!

Dear Students and Parents,

Let's make this summer full of ideas, colours, and fun learning! Here are a few simple tips to help you enjoy your holiday homework:

- ✓ Use your best handwriting and decorate your work with care. Add colour where needed—it makes everything more fun!
- ✓ Each subject has its own format. Some work goes in notebooks, some on ivory sheets, or in a project file. Read carefully.
- ✓ Where options are given, select the ones you enjoy most. Make sure to complete the required number of tasks.
- ✓ Watch the helpful videos shared in Maths and Science. Use them to explore and try something new.
- ✓ All holiday homework must be submitted in the **first week after the break**. Don't keep it for the last moment!
- ✓ Parents may guide, but your ideas, drawings, and words matter most. This is *your* work—show what you can do!
- ✓ Take breaks, play, read, explore nature, and have fun while learning!

This summer, let your imagination grow. Create something beautiful, discover something new, and enjoy every moment of learning!

ENGLISH

1. WORD ART VOCABULARY POSTER

Create a vibrant poster with 10 new English words you learned this summer. Use illustrations or design each word with images, synonyms, and a sentence.

(Digital tools like Canva/poster-making apps can be used too)

2. IMAGINATIVE THINKING (ANY ONE)

- A. You find a magic pen. Whatever you write becomes true. What do you write first? Create a story around it in about 150-200 words.
- B. You are suddenly invisible for one day. What would you do? Write a fun story!
- C. You wake up and school is run by students, not teachers. Describe how your day goes!

3. ART INTEGRATED ACTIVITIES BASED ON THE MOUNTAIN AND THE SQUIRREL (POEM)

A. SCULPTURE CREATION- With clay or playdough create 3D sculptures of the mountain and the squirrel, highlighting their contrasting characteristics.

(OR)

B. COMIC STRIP- Create a comic strip illustrating conversation between the mountain and the squirrel, emphasizing their differences and similarities.

HINDI

निर्देश: संपूर्ण गृहकार्य परियोजना फाइल (क्लवरमबज थपसम) में ही हल कीजिए-

- प्रश्न-1. आपने अपनी पाठ्य पुस्तक 'मल्हार' में 'मातृभूमि' कविता पढ़ी है जिसमें भारत का सुंदर वर्णन किया है। आप भारत के किस स्थान पर रहते हैं? वह स्थान आपको कैसा लगता है? वहाँ की प्रकृति, खान-पान, जलवायु, प्रसिद्ध स्थान के आधार पर उस स्थान की विशेषताएँ लगभग 100 शब्दों में लिखिए।
- प्रश्न-2. अपनी पाठ्य पुस्तक से 'गोल' पाठ को पढ़िए और उसके आधार पर लिखिए कि आपको कौन-से खेल और कौन-से खिलाड़ी सबसे अधिक अच्छे लगते हैं? और क्यों? उन खिलाड़ियों के चित्र भी लगाइए।
- प्रश्न-3. किसी हिंदी दैनिक समाचार पत्र को प्रतिदिन पढ़िए और अपनी पसंद के राष्ट्रीय और खेल संबंधी समाचारों को काटकर अपनी परियोजना फाइल में चिपकाइए और 10 दिन तक उनकी 15-15 पंक्तियों का सुलेख कीजिए।
- प्रश्न-4. आपनी पाठ्य पुस्तक 'मल्हार' में पेज नंबर 12 पर दी गई कविता 'पुष्प की अभिलाषा' को याद कीजिए और हाव-भाव एवं लयबद्ध तरीके से गाते हुए वीडियो बनाइए। ग्रीष्मावकाश के उपरांत सभी विद्यार्थियों से इससे संबंधित कक्षा में सामूहिक क्रियाकलाप कराया जाएगा।
- प्रश्न-5. आपकी व्याकरण पुस्तक अविका में दिए गए मुहावरों में से 1-10 तक में से किन्हीं पाँच मुहावरों को रंगीन चित्रों के माध्यम से प्रदर्शित कीजिए और उनका अर्थ भी लिखिए।
- प्रश्न-6. पंचतंत्र की किन्हीं 10 कहानियों को पढ़िए और जो कहानी आपको सबसे अच्छी लगी, उस विषय पर एक मौलिक (अपनी स्वयं की बनाई हुई) कहानी लगभग 150 शब्दों में लिखिए तथा संबंधित चित्र भी बनाइए।

MATHS

1. Explore and discover fractal shapes in nature.

FRACTAL is a never-ending pattern. Fractals are infinitely complex patterns that are self-similar across different scales. They are created by repeating a simple process over and over in an ongoing feedback loop. A great many patterns in nature are fractal, and just by stepping outside – even in an urban area – you can often find great examples of fractals.

TASK: Prepare a Fractal cut out card using cardboard.

One fractal cut out card can be seen in the given video:

<https://youtu.be/4WVLg1tUiKs?si=Gbw7H7DvuEzFTVRi>

2. Angle Art – Design with Protractors"

Math Concepts: Types of angles (acute, obtuse, right, reflex)

Art Concepts: Line art, abstract design

- Using a protractor, draw multiple angles in different directions.
- Use those angle lines as a base to create designs like abstract sunbursts, fan patterns, or robots.
- Label each angle and decorate the pattern with colours.
- Following link is for demonstration:

<https://youtu.be/6XmiU-Th0VU?si=GmOMQknm9c9z6x8S>

3. Budgeting for a Family Trip

Concepts Used: Addition, Subtraction, Estimation, Multiplication, Division

Activity:

Plan a family trip and make a simple budget. Include travel, food, stay, and entertainment.

- Estimate costs for each item.
- Add everything to get the total cost.
- Divide total cost by number of days to find average daily expense.

✧ You can write it like a story: "We went to Jaipur for 3 days. We spent ₹1500 on food, ₹3000 on hotel..."

4. How high can you count on your fingers? (Spoiler: much higher than 10) - James Tanton

Go through the given link and write a short write-up summarizing it.

<https://youtu.be/UiXU1oRW64Q?si=CnxKBjUZctkQjh6n>

5. Master yourself with few questions

Check your Progress: Do the exercises of Chapter 2 OF NCERT from MTG.

➤ Do the above questions in Maths Revision Notebook.

NOTE: All the above activities except Question 5 will be performed in A4 size sheets and attached in a file.

SCIENCE

Think Green Go Green

1. Prepare a Science Magazine on the theme "Environment". Use coloured sheets to make your holiday homework on a science magazine. Make a nice cover. Use your imagination and creativity. The content should be of 7-8 pages only.

Some of things that you could put in the magazine are:

- Information about one famous environmentalist, his / her picture, and information about his/her work.
- (2-3) News clippings and articles about the environment.
- Some (3-4) amazing / interesting facts.
- Puzzles/riddles/jokes/thoughts about the environment.
- Information about pollution in the river Yamuna or any other polluted place near your house.
- Visit the river / polluted place / a water source with your parents and write about it in the magazine.
- Write 5 things that you must keep in mind to keep the environment clean. Give your magazine a suitable title.

2. Study the genetic features of the different types of animals classified on the basis of their food habits. Find out the special characteristics in their digestive system that help them to adapt to their food habits. Refer the given example to do the activity on A4 size sheet in the tabular format:

TYPE OF ANIMAL	NAME OF THE ANIMAL	TYPE OF TEETH	DIGESTIVE TRACTS
HERBIVORE			
CARNIVORE			
OMNIVORE			

Example: Genetic features of both dogs and cats classify them as carnivores hence they have a similar diet of meat eating.

Special characteristics are: -

- Pointed Teeth designed for grasping ripping and shredding
- Jaws designed to swallow whole food (not grinding)
- High Acid Stomach Type
- Short small intestines
- Digestive enzymes adapted to breakdown meat
- Absence of enzymes designed to break down vegetable matter

SOCIAL SCIENCE

HISTORY- Imagine the year is 2111. You are an archaeologist excavating the area around your house.

List ten items you find in the course of your excavation and also make a collage of those items on an A4 size sheet and paste it in your History/ Civics register.

OR

CIVICS- Make a 'helping hands' chart by tracing your hand on a A4 size sheet. On the five fingers of the outline, write five things that you can do to help others in your community.

Note- Paste the sheet in your History/ Civics register

GEOGRAPHY- Choose a foreign destination you would like to visit in your summer vacation. Look up your destination in atlas books and on the Internet. Write a paragraph about why you want to visit that place. Paste pictures of the main attraction or places you want to see while on vacation. Draw a line on a world map showing your starting point and destination and paste it in geography notebook. Also mention the latitude and longitude of your destination.

Note- Do it in your geography register

OR

Draw a rough map of your locality including your home, school, hospital, market, temple and a few other landmarks. Show the cardinal directions and use a few of the symbols shown on fig.no.1.2 page no. 12 to mark some important features.

Note- Draw this map in geography register.

COMPUTER

Prepare a short video explaining the topic 'Types of Robots'.

Details of the video are as follows:

1. It should not be more than 2 Minutes
2. Start it with a short introduction of yourself.
3. Any video creation app can be used along with video editing features
4. Background of the video should be attractive.

(Note: Submit the same on the Google form using the link given below:

<https://forms.gle/KbteGo6PLEbmf1s6>)

THIRD LANGUAGES

URDU

Write the word meanings of chapters 'DUA' & 'EHSAN KA BADLA EHSAN' on an A4 size sheet. Make it a beautiful creation by using colours of your choice to highlight the words.

OR

Practice Urdu hand-writing (**KHUSH KHAT**) in your Urdu notebook.

Instruction-

- 15 pages should be written
- Back side of the Urdu notebook should be used to do handwriting
- Write neatly and carefully
- After every sentence leave a line

OR

Draw anything of your choice and find a quote / thought / few urdu poem lines / sher /very short story from the internet which compliments the drawing. Use an A4 size drawing sheet to do it.

विषय - संस्कृत/कक्षा - षष्ठी

नोट- संकेत 1, 2, 3 अपनी अभ्यास पुस्तिका में करना है तथा संकेत 4 निम्नलिखित मेल पर भेजना है।

1. दैनिक प्ररयोग में आने वाले दस फलों और दस सब्जियों के चित्र काटकर उनके सामने नाम लिखिए।
2. 01 से 50 तक संख्यावाची शब्द संस्कृत में लिखिए।
3. गम्, पच्, के धातुरूप मुख्य तीनों लकारों में लिखिए।
4. कोई भी कथा, कहानी, लेख, श्लोकार्थ या अर्थसहित सूक्तियाँ, इन में से किसी भी विषय पर संस्कृत भाषा में लिखिए। नीचे अपना नाम, कक्षा वर्ग व फोटो लगाकर मेल पर भेज दीजिए। (sateeshjain56@gmail.com)

GERMAN

Aufgabe:

Recherchiere ein deutschsprachiges Land (z. B. Deutschland, Österreich, die Schweiz, Liechtenstein oder Luxemburg) und gestalte ein Mini-Poster.

Deine Poster soll Folgendes enthalten: Essen, Feste, Berühmte Sehenswürdigkeiten – Z. B. Schlösser, Gebäude

Research a German-speaking country (i.e Germany, Austria, Switzerland, Lichtenstein or Luxembourg) and create a mini-poster.

Include food, festivals, famous landmarks, and language etc.
Make it colourful and presentable.

FRENCH

- Dessine un garçon et indique les parties de son corps en français.
- Draw a picture of a boy and label the parts of the body in French.

ART
Holiday Homework – Scratch Painting

You are required to make one Scratch painting on an A4 size (21 cm x 30 cm) sheet. Sheets can be purchased or can be prepared. Reference pictures are attached for your guidance, but you are encouraged to use your own imagination and creativity while designing your artwork.

Note: Strictly follow the given paper size.

Submit your completed work to the Art Department within one week after the summer break.

