



Grade 7 - Session: 2020-21
Summer Holiday Homework

Dear Students of Class VII

It's time for a fun-filled and relaxing summer break. However, during these long scorching summer months, while you enjoy yourselves, you must ensure that you also spend your time meaningfully. Your teachers have worked upon some fun ways of keeping you busy! The holiday homework has been divided into three parts:

1. Academic Project for Assessment: This project is a part of your Internal Assessment for the first term; therefore, it will be assessed.
2. Fun Project in Sports: This is an additional project that is being given by the P. E. Department. It will help you research and learn more about the sport. This is a project which will be evaluated house wise.
3. Suggested Activities: These activities have been suggested by teachers so that you can do some extra work to stay busy. These are non-evaluative activities and are purely suggestive. We have also included some web links to improve your thinking skills. Do visit these sites for some fun-filled activities.

Wish you all a very happy holiday!

Subject Details	Date of submission
<p>ENGLISH</p> <ul style="list-style-type: none">• Group Activity: Comic strip The details of the project on The Boy in the Striped Pyjamas are as follows: A comic strip based on the assigned chapter from lesson 1-5 of the book will be made by each group. The presentation will have five slides - 1 slide per member of the group The five slides will have the comic strip of the assigned chapter.• Rubrics for assessment: Content- 2m ; Creativity - 1m ;Coherence- 1m ; Presentation- 1m Total marks - 5• 2 worksheets based on the grammar topics covered in April - May• Books are the quietest and most constant of friends; they are the most accessible and wisest of counsellors, and the most patient of teachers. - <i>Charles W. Eliot</i>	July 25, 2020



● **Reading list:**

1. Skeleton Creek – Patrick Carman
2. Percy Jackson – Rick Riordan
3. A Christmas Carol – Charles Dickens
4. The Last Leaf – O. Henry
5. A Room on the Roof – Ruskin Bond

NOTE: Parallel English homework will be uploaded in the respective Google Classrooms

MATHEMATICS

Before we start new topics in July, students must revise and catch up with all the topics done before break.

Do complete all CW and HW questions of the following chapters taught in your notebook.

1. Integers

2. Perimeter and Area

Following are **suggestive activities to keep you busy, no submission expected.**
Choose any of these and have fun!

1. Mathematics in flags:

- Select flag of India and any (one) other country and investigate some of the following:-
- What shapes can you see in it? Can you describe them and their angles?
- Does the flag have any lines of reflective symmetry, if so how many lines?
- Can you find any pairs of parallel lines? If so mark them on your flag.
- Are there any lines perpendicular to one another?
- Can you find a way to classify the shapes in your flag?
- Now design a flag which has at least two lines of symmetry, geometrical shapes, parallel or perpendicular lines.

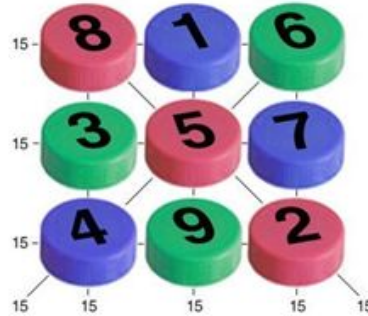
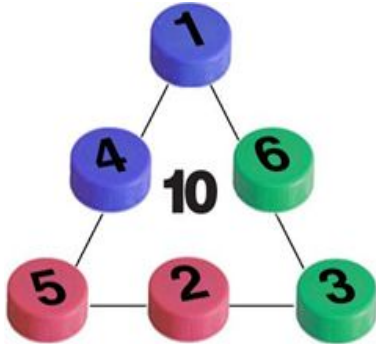
2. Magical Math Puzzles

Using puzzles is a great way to learn Math facts and develop mental calculation and thinking skills in a fun and easy way. If you REALLY like exercising your brain, figuring things 'round and 'round till you explode, then given below are a few math puzzles/tricks that you can explore. Go ahead and have fun!

A. Magic Square

In a Magic Square, every row, column and diagonals add up to make the same total, a magical number! In a traditional 3 by 3 magic square, the digits 1 to 9 are used to make totals of 15. Magic Squares are also a good way to improve addition skills using a group of addends, three whole numbers in an equation.

No submission expected.



Instructions:

- Given below is a link for the puzzle sheet with few 3x3 unsolved magic square puzzles.
- Students will only have to sum three numbers to come up with the solution. Remember that the rule to these puzzles is that each row, column, and diagonal must total the given sum.
- Take out a print of the sheet and solve.

[Click here for the Magic Square Worksheet](#)

B. Perimeter magic triangles A magic triangle (also called a perimeter magic triangle) is an arrangement of the integers from 1 to n on the sides of a triangle with the same number of integers on each side, called the order of the triangle, so that the sum of integers on each side is a constant, the magic sum of the triangle.

[Perimeter Magic Triangles](#) help improve addition skills using three addends! All you need are 6 milk caps labeled 1-6. slide the milk caps around, forming a triangle. The goal is to have all 3 sides add up to equal the same sum.

Instructions:

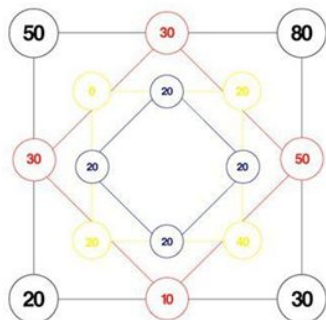
- Given below is a link for the puzzle sheet with few unsolved Perimeter magic Triangles.
- Students will only have to fill the empty spaces with numbers such that the sum of numbers on each side is the given magic sum of the triangle.
- Take out a print of the sheet and solve Or make 3 magic triangles on one A4 size paper and solve.

[Click here for Perimeter Magic Triangles Worksheet](#)

C. Subtraction Squares

Choose 4 numbers (anything you like) to write on the vertices of the larger square. Then, just subtract (corner to corner). Then write the differences on the next largest square's corners (where it meets in between on the line) and so on...

The big surprise is your final square! Like magic, all of the corners are the exact same numeral! Inference: See if you can predict what will be your mystifying number before solving all your squares!



3. Explore Symmetry: Draw the Other Half

Most faces are symmetrical – that is, both sides of the face have similar proportions. In fact, having a symmetrical face is a mark of beauty. The more symmetrical a face is the more beautiful it is considered to be. Many works of art featuring faces or designs in paintings, sculptures, and patterns seek to have symmetry.

In this activity, explore symmetry by drawing the other half of a given face.

What You Need: A close-up magazine image or photo of an animal face or a human face. Both sides of the face should be clearly visible, White drawing paper, A ruler, Scissors, Glue or tape and a pencil.

What You Do: 1. Use a ruler to draw a vertical line down the center of the face photo. This is a line of symmetry. Cut along the line to create two halves.

2. Glue or tape one side of the image to a plain sheet of paper. Do not put any tape or glue on the side where you will be drawing. Be sure to leave enough space on the sheet of paper for you to complete the missing half.

3. Before drawing, take a moment to observe the face. To figure out where the facial features you'll be drawing should go, use your ruler to measure the horizontal (sideways) and vertical (up-and-down) distances from the photo's specific features to the line of symmetry.

4. With these measurements, you can map out beforehand where the drawn facial features should go by lightly placing pencil marks where you've calculated them to be.

5. Now start drawing the other half of the face!

When you're done, you should have a beautiful symmetrical face. Try this again with different kinds of faces to check out how features and proportions differ among people, or try it with other symmetrical objects like simple shapes, patterns, and even butterflies!

SCIENCE

PHYSICS/CHEMISTRY

- Assignment on Heat to be done on A-4 sheets.(will be uploaded on GCR)
- Learn and write the symbols of elements and latin names of elements (in your notebook) given in smart skills Table I, II and III (will also be uploaded on the google classroom

PHY/CHEM
July18, 2020



<ul style="list-style-type: none">• Assignment on Chapter - 4 Heat (google form) (link will be uploaded on the GCR)• Activity (optional) : Perform any Activity on transfer or effects of heat and make a video of it. Also explain the underlying basic principle in the video and share on google classroom . Do a google search or just look around you with the eyes of a science student. <p>Important: Complete your notebook and smart skills work of chapter-Heat, if pending. All Holiday Homework related material will be uploaded to your Physics/Chemistry Google classroom on 22May, 2020. Submission Date: 18th July, 2020.</p> <p><u>BIOLOGY</u></p> <ul style="list-style-type: none">• Video links along with assignments based on it will be posted in the GC by 22nd May.• Students watch the video and complete assignments in a bio notebook.• All intext and chapter end questions of Nutrition in Plants and Nutrition in Animals to be completed during vacations if pending.	<p>BIOLOGY July 06, 2020</p>
<p>SOCIAL SCIENCE</p> <p>Project in History – Learning about - ‘MUGHAL ARCHITECTURE’ The Mughal architecture was a blend of Indian, Islamic and Persian styles. Extensive use of marble, coupled with inlay work and exquisite and unparalleled craftsmanship still stands testimony to the splendor of the Mughals. Since we will be studying about the Mughals as a part of our Social Science curriculum this year, it would be interesting to learn about their architectural style and monuments.</p> <p>Material required</p> <p>i. Take an A3 sheet /two sheets of A4 (joined)/ half chart paper - Place it vertically for drawing and writing about the features of the monument. (all filed neatly in a file folder) OR</p> <p>ii. Students can compile their work Google slides along with Google Drawings to create the drawing of the monument</p> <p>There are two parts to the project -</p> <p><u>I. BE AN ARCHITECT DURING MUGHAL RULE</u></p> <p>Imagine you are an architect in medieval India. You have been appointed by one of the royal ladies to build a particular kind of building. It could be a sarai, a tomb, a mosque, where the faithful can go to pray it could be a Madrasa for girls, it could even be a Shopping Arcade exclusively for women. Or you can even choose any other building. Only keep in mind that the structure should have been commissioned by a woman. Select the royal lady from medieval India.</p>	<p>July15, 2020</p>



Mention the following details:

1. Give a name of the monument (YOUR CHOICE)
2. Name of the lady who commissioned it.
3. When was it made (TIME PERIOD)
4. As a part of the presentation give details of some characteristic features of buildings - describe them.
5. Draw pictures by hand or on Google drawings (Take a print out) of the created (BUILT) monument,
6. Features of architecture - example - Jaali, Guldasta, Chhajja, Jharokha, Char-bagh(chahar-bagh), Pishtaq, dome.
7. All files or google slides will be taken as a submission of the project.

For this you will have to do some research, you can find out which Mughal women contributed to different building activities, identify one of them and any one structure that was decommissioned.

You can research from the following :

1. Go through the google slides shared with you on the Google Classroom and remember The Mughal Architecture features discussed in the class.
2. [Monumental Feats of Mughal Women](#)
3. [9 Famous Indian Monuments you may not know were built by Women](#)
4. Daughters of the Sun by Ira Mukhoty
5. [The Mughal Women: Tales and Trails](#)
6. Let's Go Time Travelling by Subhadra Sen Gupta (Supplementary Reader for Grade 7)
6. Refer to Mughal architecture – Humayun's tomb
[A visit to Humayun's Tomb \(English\)](#) or [A visit to Humayun's Tomb \(Hindi\)](#)

II. WRITE A JOURNAL - In your project file or Google slides

- Now write a journal recounting how you were asked by your royal Lady patron to build the

structure. Your journal must include the following -

1. How would you go about planning and executing the construction of the building?
2. Describe the problems you might face in completing your work.
3. The conversations you will have with your patron, your mason's, sculptors and others who will be involved in the building process.

You should have a minimum of 3 separate entries in your journal. each of about 150 words. The three entries should be dated 6 months apart.



Rubric for Assessment

Content and Accuracy	Attractiveness & Organization	Graphics/Pictures	Timely submission	Total
2.5	2.5	2.5	2.5	10

HINDI

July 12, 2020

साहित्य तथा व्याकरण से संबंधित अभी तक पढाए गए निम्नलिखित पाठों के कार्य स्मार्ट स्किल्स में करें:-

क. मिठाईवाला, ख. खानपान की बदलती तसवीर, ग. हम पंछी उन्मुक्त गगन के (कविता), घ. भाषा, लिपि, बोली तथा व्याकरण ड. वर्ण विचार (स्मार्ट स्किल्स में पृष्ठ संख्या- 7 से 19 तक) और च. दो अपठित गद्यांश के कार्य (स्मार्ट स्किल्स में पृष्ठ संख्या - 38-39).

FRENCH

July 10, 2020

VIVE LES JEUNES BOOK 2

1. Revise the lessons taught in class.
2. Revise All verbs taught in class.
3. Revise Les articles contractés (du, de la,des.....)

TO BE DONE IN FRENCH NOTEBOOK:

1. Conjuguez les verbes en présent (refer to Pgs 10, 13,14 of the textbook)
2. Conjuguez (Fill in the blanks) (Pgs 15 of the textbook)
3. Les articles contractés (,du,de la,des.....) (Pgs 11)
4. All other exercises of the lessons to be taught in class.

PRINTOUT TO BE TAKEN AND WORK TO BE DONE ON PRINTOUT ITSELF/textbook

- 1.Pg 14 ,Pg 17 Mark the body parts and the face on the printout

SMART SKILLS

1. All work till Pg 8 to be done in the smart skills itself

Suggested Reading and listening : <https://www.youtube.com/watch?v=R1erSYyDzOA>



<h2>GERMAN</h2> <p>Project work- Design a Speisekarte (Menu) for your Café. Mention only Indo- German cuisines in your Speisekarte. Divide it into 4 categories</p> <ul style="list-style-type: none">- Die Vorspeisen (Starters)- Die Hauptspeisen (main course)- Der Nachttisch (dessert)- Die Getraenke (beverages) <p>Paste / draw pictures and make it very creative. Do not forget to give a nice name to your Café.</p> <p>This project will be assessed. Rubrics for assessment are as follows: Design - 3 Creativity-3 presentation(content +artistic skills)- 4</p> <p>Total marks = 10</p> <p>Smart skill- Exercise 1 of assignment 1 on page 3 of your German Smart Skill .</p> <p>Viel Spass beim Lernen!</p>	<p>July 14, 2020</p>
<h2>SPANISH</h2> <p>Make a Power-Point presentation on 'Mi Rutina Diaria'. Please include your NAME and CLASS with SECTION. Every activity should be accompanied with a picture of a clock highlighting the time at which that activity is done. The presentation should have a maximum of 10 slides. Use images and texts to make the presentation creative and clear. The presentation should be totally in Spanish.</p>	
<h2>SANSKRIT</h2> <p>छात्र पाठ 1 पर आधारित अपने मित्रों के चित्र लगा कर नोटबुक में संस्कृत में 5-7 पंक्तियों का एक सरल संवाद लिखेंगे। नोटबुक में निम्नलिखित धातुरूप तीनों लकारों में लिखेंगे - गम्, पठ्, हस्, भू, दा, पा, स्था, अस् एवं कृ।</p>	<p>July10, 2020</p>
<h2>CHESS</h2> <p>Create a profile on chess.com. Play at least 3 games per day. In the puzzle section, solve at least 5 puzzles a day. Mark your rating in your diary on a weekly basis.</p>	<p>June 30, 2020</p>



<h2 style="margin: 0;">PE</h2> <p style="margin: 10px 0;">Fun Project in Sports 7th grade</p> <p style="margin: 10px 0;">This fun filled summer the PE Department would like the students of Middle School to use their research skills and creative capabilities to get to know a little more about the games that they love to watch and play. Each student is required to present his/ her findings in any one of the following ways:</p> <ul style="list-style-type: none"> Poster Collage Pamphlet Sports Magazine <p style="margin: 10px 0;">The projects prepared by the students shall be displayed on the Class Notice Boards or the Notice Boards on the Corridors of the Annexe Block and assessed housewise.</p>	<p>July 30, 2020</p>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Classes</th> <th style="width: 20%;">Sport to Research on and present</th> <th style="width: 65%;">Suggested information in the project</th> </tr> </thead> <tbody> <tr> <td>7 A, B</td> <td>Basketball</td> <td rowspan="3" style="vertical-align: top; padding: 5px;"> <ol style="list-style-type: none"> 1. Fundamental skills 2. Terminology used in the game – for eg in basketball – throwing, dribbling, in athletics – different kinds of starting positions 3. Strategies adopted by players 4. Importance tournaments and players </td> </tr> <tr> <td>7 C,D,</td> <td>Athletics - Track</td> </tr> <tr> <td>E,F,G</td> <td>Field Events and Yoga Asanas.</td> </tr> </tbody> </table>	Classes	Sport to Research on and present	Suggested information in the project	7 A, B	Basketball	<ol style="list-style-type: none"> 1. Fundamental skills 2. Terminology used in the game – for eg in basketball – throwing, dribbling, in athletics – different kinds of starting positions 3. Strategies adopted by players 4. Importance tournaments and players 	7 C,D,	Athletics - Track	E,F,G	Field Events and Yoga Asanas.	
Classes	Sport to Research on and present	Suggested information in the project									
7 A, B	Basketball	<ol style="list-style-type: none"> 1. Fundamental skills 2. Terminology used in the game – for eg in basketball – throwing, dribbling, in athletics – different kinds of starting positions 3. Strategies adopted by players 4. Importance tournaments and players 									
7 C,D,	Athletics - Track										
E,F,G	Field Events and Yoga Asanas.										
<h2 style="margin: 0;">ART</h2> <p style="margin: 10px 0;">Lots of freehand drawing and sketching of every day's objects, human figures and natural surroundings of plants and landscape in Pencils and colours of your choice.</p>											
<h2 style="margin: 0;">THEATRE</h2> <p style="margin: 10px 0;">Here is a list of activities to do for the summer vacation to develop necessary skills required in performing arts.</p> <p style="margin: 10px 0;">1 Make a Mask of your choice. Here are some tutorials to help you make masks from materials easily available at home</p> <p style="margin: 10px 0;">Mask</p> <p style="margin: 10px 0;">https://www.youtube.com/watch?v=QWUX2oiddGM</p> <p style="margin: 10px 0;">Paper Mask</p>	<p>June 30, 2020</p>										



<https://www.youtube.com/watch?v=tR9I6pE09Qc>

Origami Mask

<https://www.youtube.com/watch?v=wgbiMCx2osE>

Watch a student production where masks are used in a play.

<https://www.youtube.com/watch?v=MMoNJmehQyE>

<https://www.youtube.com/watch?v=349CvQdX5B4>

2 Try your hands at makeup and jewellery design necessary for character design in Theatre

<https://www.youtube.com/watch?v=0no7JKSegDE>

<https://www.youtube.com/watch?v=GePF5RDdvY0>

3 Watch these mime performances that use masks and makeup as part of the act and try to imitate at home.

<https://www.youtube.com/watch?v=349CvQdX5B4>

<https://www.youtube.com/watch?v=jLuHJ6svbUo>

https://www.youtube.com/watch?v=x0v0zwV7_Xg

<https://www.youtube.com/watch?v=Xp1oE4WvPuA>

4 Watch these plays by Globe Theatre to understand Shakespeare and his plays.

Shakespeare Globe is streaming six of its plays for FREE on YOUTUBE during Lockdown

Six plays will be available from 6 April onwards as follows

Hamlet (6 April 7 PM - 19 April)

Romeo & Juliet (20 April onwards)

A Midsummer Night's dream (4 May onwards)

The two noble kinsmen (18 May onwards)

The winter's tale (1 June onwards)

The Merry Wives of Windsor (15 June onwards)

<https://www.shakespearesglobe.com/watch/>