



GREENWAY MODERN SCHOOL

Class VII

HOLIDAY HOMEWORK



Dear students and parents

It's summertime when faces light up with a grin

As holidays are about to begin

It's time for the children to play and enjoy

Free, unbound, high-spirited but safe at home.

Summer break is a vacation time students eagerly await for. So, now is the time to unlock the days creatively making the most while at home. So, adopt a herb, a house plant or a flower, bake a cake, sing-along, paint and draw and compose your own song or take up your hobby as the school announces the summer vacation.

To ensure that the children have a constructive holiday, some holidays' homework & projects have been given which will keep the child active and observant. These projects can easily be done by the children and you could assist only where required. You can download the Holidays' Homework from the school website for your convenience.

Stay safe stay healthy!

MATHEMATICS

Activity – I

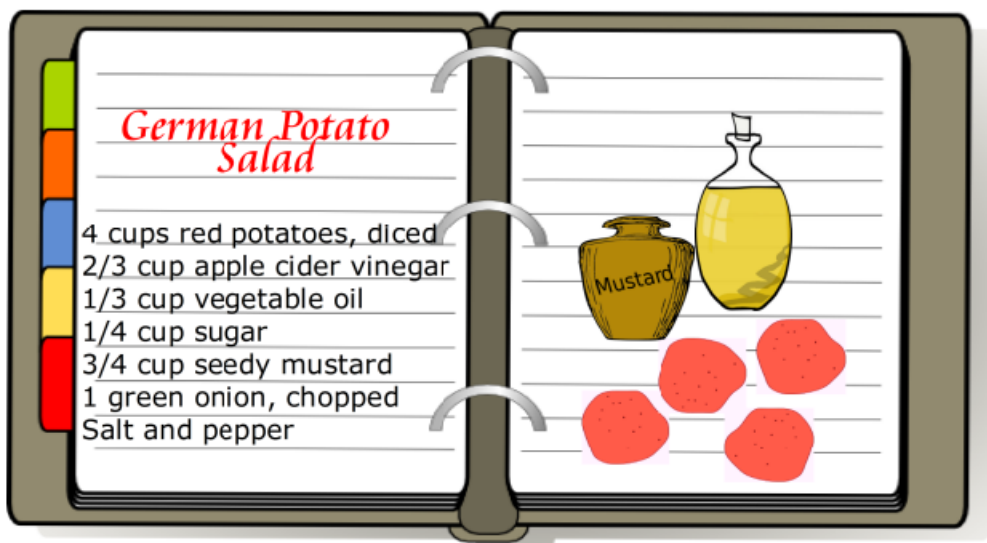
A water tank has steps inside it. A monkey is sitting on the topmost step (i.e., the first step). The water level is at the ninth step.



- (i) He jumps 3 steps down and then jumps back 2 steps up. In how many jumps will he reach the water level?
- (ii) After drinking water, he wants to go back. For this, he jumps 4 steps up and then jumps back 2 steps down with every move. In how many jumps will he reach back to the top step?
- (iii) If the number of steps moved down is represented by negative integers, and the number of steps moved up by positive integers, represent his moves in parts (i) and (ii) by completing the following: (a) $-3 + 2 - \dots = -8$ (b) $4 - 2 + \dots = 8$. In (a), the sum (-8) represents going down by eight steps. So, what will the sum 8 in (b) represent?

Solve the above activity with the help of diagram.

Activity – II



Jake is bringing potato salad for his class field trip. He has a small class so he only needs three-quarters of the recipe. Can you calculate the correct amount for him? Jake is also going to bring some for his sister's class but only needs three-fifths of the recipe. Can you help him out with this problem?

Multiply each ingredient's amount by $\frac{3}{4}$ and $\frac{3}{5}$.

<i>Measurement</i>	<i>x</i>	<i>3/4</i>	<i>3/5</i>	<i>Ingredient</i>
4		___ cups	___ cups	red potatoes
$\frac{2}{3}$		___ cup	___ cup	apple cider vinegar
$\frac{1}{3}$		___ cup	___ cup	vegetable oil
$\frac{1}{4}$		___ cup	___ cup	sugar
$\frac{3}{4}$		___ cup	___ cup	seedy mustard
1		___	___	green onion

Note: Above activities to be done on A4 size sheet.

Science

Activity 1. Prepare a 3D or working model on the given topic according to your roll numbers

- roll number 1-6 human digestive system
- roll number 7-12 Human heart
- roll number 13-18 Human circulatory system
- 19-24 Human respiratory system
- 25- 30 Schematic diagram of circulation
- roll no. 31-36 Human excretory system
- roll number 37-42 Fertilization in plants or pollination in flowers
- roll number 43-48 Breathing mechanism in humans

Activity 2. Visit a greenhouse virtually. Observe how they grow plants. Find out how they regulate the amount of light, water and carbon dioxide to grow the plants. Prepare a report on it.

Activity 3. Work on your self healing power and write various ways to boost your immune system .

Prepare L-1 Nutrition in plants

L-2 nutrition in animals thoroughly.

Hindi:-

- आपके शहर में पशु पक्षियों को बचाने के लिए कौन-कौन सी संस्थाएं कार्यरत हैं? उनके बारे में

लिखिए और चित्र भी चिपकाए।

2. देश को स्वच्छ रखने के लिए आजकल कचरा प्रबंधन यानी कचरे से बिजली खाद आदि बनाने के प्रयास चल रहे हैं इसके बारे में इंटरनेट से जानकारी प्राप्त करके एक परियोजना कार्य तैयार कीजिए।
3. कक्षा में कराया गया समस्त पाठ्यक्रम दोहराए।

नोट :- समस्त कार्य स्क्रेप फाइल में करें।

संस्कृत

- 1 गतिविधि - 1 (सूक्ति वृक्ष)

संस्कृत पुस्तक नई दीप मणिका में से सूक्तियां लेकर स्क्रेप फाइल में सूक्ति वृक्ष बनाए।

- 2 गतिविधि - 2 (राष्ट्रीय आदर्श वाक्यानि संकलनम्)

हमारे देश भारत के सरकारी कार्यालयों व संस्थानों के लिए राष्ट्रीय आदर्श वाक्य निश्चित है। जैसे:- उच्च न्यायालय - यतो धर्मस्ततो जयः

किन्हीं दस संस्थानों के राष्ट्रीय आदर्श वाक्यों का संकलन कर स्क्रेप फाइल में लिखें व संस्थान का चित्र भी लगाए।

पढ़ाए गए पाठों को याद करें।

शब्द रूप व धातु रूप याद करें।

Social Science

1. Design a poster on any one Health awareness programme/ Mission run by the state government on A3 size sheet.
2. Make a flow chart on Mughal Dynasty on A3 size sheet (3D)
3. Represent Course of a river with different landforms formed.(3D)

Or

Represent different types of rainfall with the help of clay.

4. Learn Periodic Test 1 Syllabus (History ch-1, Geography ch-1 & 2 , SPL ch -1).

English

1. Create a Wall hanging/Pen stand and write a beautiful quote by SHAKESPEARE .
2. Design a creative advertisement on any food product or beverage .(Make it Creative and attractive in your way)
3. Make a comic strip on a funny incident that happened between you and your friend. (Use your imagination to make it more creative)

COMPUTER

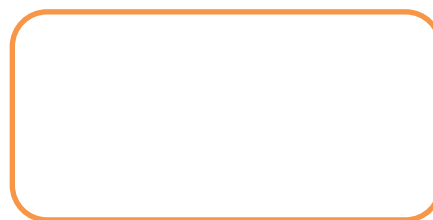
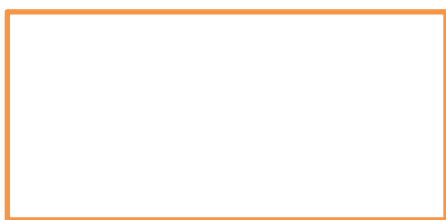
- Do following conversions in notebook.

Decimal Number into Binary Number	75	142
Binary numbers into Decimal Numbers	1100011	101010
Binary Addition	1010 & 1001	01010+11101
Binary Subtraction	10001 & 11101	110 & 101
Binary Multiplication	11011 & 101	1100 & 1111
Binary Division	101101 ÷ 1001	10010 ÷ 11
Octal Number System into decimal	123	247
Hexadecimal Number System into decimal	23E	B7

Revise notebook work and practical work covered in class.

Korean

1. 여러분의 명함을 만들어 보세요.(Create your own business card).
(Name should be in Korean and the rest can write in English)
 - i. Can use any color paper. (Thick color paper)
 - ii. Size – 15x10
 - iii. Paste your passport photo.
 - iv. Can choose any one of the shapes from below.



2. 자기소개를 써 보세요. Write a self-introduction. (In A4 paper)

