

R K SARDA VIDYA ASHRAM

(Run under the Aegis of Shri RamKishore Sarda Seva trust)
Affiliated to C.B.S.E (Affiliation No.3330369)



Summer Vacation Home Assignment 2023-24

Class – VII

*Summer is messy
, Summer is fun,
Trips to the beach,
In the hot, hot Sun,
Let's give summer,
A big fat cheer!*

Summer is the best time of the year.

Dear Parent,

We wish you and your child a very happy summer holidays. It's time to enjoy and relate a bond with family, friends and relatives. To utilize this time in the most constructive way we have prepared Holiday Homework for the students on the principle of 'learning by doing' for his /her holistic development.

Note:

- 1. Kindly make sure Summer Vacation Homework is written in the respective subject copy.**
- 2. This Homework is a part of Periodic Assessment – I as Subject Enrichment 5 – Marks.**

Subject wise work to be completed:

English:

Activity 1: To read the novel Malgudi Days and prepare a skit within 200 words based on any plot/sub plot/the portion most liked (to be written in H/W notebook)

Activity2: To prepare a chart on Phrasal verbs/ idioms (at least 5).It may contain relevant pictures, meanings, example sentence

Hindi :

1) अनुच्छेद लेखन - जल संरक्षण को चित्र द्वारा प्रदर्शित करिए ।

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- 2) वर्णों का वर्गीकरण - वर्णों का वर्गीकरण करते हुए एक चार्ट बनाइए ।
- 3) दादा - दादी , नाना - नानी के जीवन के वह यादगार सुखद पल जिसे वे कभी भूल नहीं पाए । उनसे पूछ कर लिखिए ।

Sanskrit: शब्द रूप धातु रूप सर्वनाम रूप कारक चिन्ह विभक्ति सहित लिखें एवं याद करें
और सुभाषितानि पाठ से कम से कम 2 श्लोक याद करें

Math:

1. Chapter 1 and 2 R S Agarwal Exercises 1A 1B and 1C. Exercises 2A 2B and 2C.
2. **Activity-** Math working model (spiral) of multiples of numbers from 1 to 10.

Science:

1. Make a moveable toy car using different waste materials.
2. Make a model of human digestive system.(Use cardboard, straws, thermocole etc)
3. Make a model of the green house farming or the green house plants. (Roll no.1-15)
4. Make a model of the process of photosynthesis. (roll No. 16 to 29)
5. Make a chart of 5 physical and 5 chemical changes after investigating. (Use full size chart paper and draw margin also). Make a video while investigating the physical and chemical changes. (Ex - Melting and freezing of ice, burning of paper, Stretching of rubber band etc.)
6. Complete the worksheet of chapter - 1 (Nutrition in Plants) in Science worksheet book

Social Science:

1. Complete all the given notes in respective notebooks.
2. T-Rex lived during a time when dinosaurs ruled the earth. It was a very different Earth then. Research and find out more about the ecosystem the T-Rex lived in. Now imagine that a scientist somehow manages to create a female T-Rex in the lab and it escapes into the rainforest of the Amazon, in South America. In your opinion:
 - a. How will it affect the ecosystem of the rainforest?
 - b. Will it survive in the long run? Give reasons.
3. This photo is of a miniature in which Amir Khusro (1253-1325 CE) is teaching his disciples. Khusro was a Sufi musician, poet and scholar who lived in medieval India. He wrote poetry in Persian and Hindavi. Make a PowerPoint presentation on Khusro. Also throw light on Persian in your presentation.
4. Draw a world map. Color the democratic countries in blue and the countries where monarchy is prevalent in yellow. Make a table listing out the countries as democratic and monarchial. Which colour is dominant in the world map? What do you infer?



Computer:

1. Activity based worksheet will be uploaded in QuickSchool ERP. Take the printout and do as directed.

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Art: Do 0Colouring in the Drawing book MAGIC WITH COLOURS page no: 11, 12 ,
13 , 16 , 20 ,21 ,30 , 33 , 41 , 43

NOTE : Do Page number 33 is BEST OUT OF WASTE ,Students can use thick
cardboard if CD is not available.

Music:

1. Make A video of raag bhupali khyal (naman kar) and basic four Alankars and also
make a separate video while playing Alankar on instrument.

Dance:-

1. Make a video of folk dance of any state with costume.
2. Learn all type of hand gestures (28 single and double 23 hand gestures) and
make a video of it. Refer the given link for practice. <https://youtu.be/bi5oVX0Sp9s>
<https://youtu.be/hsfg1FLnPsE>

P.E. : Do a Video on sitting and standing Asanas, copy it in a pen drive for
submission and make a scrapbook on different Asanas with their benefits.

**Note: Take a pen drive save it with your name, class and store all the videos of
home assignment**

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R K SARDA VIDYA ASHRAM
SUMMER VACATION WORKSHEET
Class : 7 Subject: Computer

Roll No. _____ Name _____

1. What are the various number systems and their base value?

<u>No.</u>	<u>Number System</u>	<u>Base</u>
a)		
b)		
c)		
d)		

2. Encircle the correct answer -

a)	$(842)_{10}$	$(1101001010)_2$	$(1011001001)_2$
b)	$(1001110001)_2$	$(625)_{10}$	$(652)_{10}$
c)	$(1276)_8$	$(720)_{10}$	$(702)_{10}$
d)	$(ACE)_{16}$	$(2776)_{10}$	$(2766)_{10}$
e)	$(2345)_{10}$	$(101101001001)_2$	$(100100101001)_2$
f)	$(110111100)_2$	$(444)_{10}$	$(555)_{10}$
g)	$(567)_8$	$(375)_{10}$	$(357)_{10}$
h)	$(C9F)_{16}$	$(3132)_{10}$	$(3231)_{10}$

3. Match the following based on Binary Arithmetic calculations-

<u>Column A</u>	<u>Column B</u>	<u>Answer</u>
1) 1110×110	a) 1100011	
2) $100100 \div 100$	b) 1010	
3) 1011×1001	c) 1100	
4) $110010 \div 101$	d) 1010100	
5) 1100×101	e) 1010000	
6) $1010100 \div 111$	f) 1001	
7) 1010×1000	g) 111100	

4. Solve following -

a) 10101101 $+ 101110$

b) 11001010 $+ 110011$

c) 100111011 $+ 1011101$

d) 10101101 $- 101110$

e) 11001010 $- 110011$

f) 100111011 $- 1011101$