

TNR EXCELLENCIA ACADEMY

HOLIDAY HOMEWORK

CLASS-VI SESSION 2020-21

Dear Parents,

Summer vacation, is the break before dashing headlong into another term with its share of activities and academics. However for children, holidays mean seeing new places, visiting grandparents, lot of fun, food, films and cartoons, games and sleep.

The summer vacation of 2020 is a little different as all enjoyment is restricted within the houses due to the COVID 19 pandemic. To make the home stay more creative and productive, home work assignments have been designed creatively to enhance learning and fun.

The assignments are based on the topics that have been covered during the online classes or through worksheets enabling children to recapitulate the topics taught and exercise their creativity.

Children should have a fixed time each day to do their homework. Children should be encouraged to do the work themselves.



Dear Students,

During the summer vacation, try and speak in English with everyone in the family and neighbourhood. Revise all the concepts taught during the online classes. Learn to tie your shoe laces, to button your shirts and dress smartly. Water the plants and spend quality time with your family.

Note for students:

1. Prepare subject wise notebooks for doing the homework (if possible) or can take printouts of the same based on availability. White/ruled loose sheets/old notebook can also be used for the purpose.
2. The holiday work must be done in a very neat and presentable manner
3. Student will be assessed on handwriting, presentation, neatness, completion of all the given work.
4. Students should only use cursive writing for all subjects except Hindi, Telugu and Sanskrit.
5. Each subject will have question/task under SEA (Subject Enrichment Activity) that will be project based, research based, will have writing, reading, presentation and documentation involved and will have 5 marks contributing towards SA-I. Project to be submitted within 10 days of school re opening after summer vacation. Make it as creative as possible.
6. Enrich your vocabulary by learning the vocabulary words from Hindi & English textual books.
7. Home work to be submitted immediately on the school re opening day for checking. No late submission will be entertained or corrected by facilitators if not submitted on the day of reopening.
8. Learn the poem given in all the languages (English, Hindi, and Telugu) by heart as elocution will be conducted of the same after the school reopens.

9. Subject specific instructions are mentioned .Read them thoroughly



*Summer ,summer is almost here
Time for fun and a big cheer
Summers are the best time for creativity
Lot s of fun filled activity
Soon we're all going on a vacation
Gearing up with wonderful sensations.*

With summer vacation round the corner, let's prepare ourselves not just to relax and rejuvenate but also to utilize the time in creative and constructive ways. It is the time of the year again when we can do things which we are unable to do during the regular routine days.

• Run, exercise, sweat! Channelize your energy, build team spirit and enjoy playing challenging sports and games.



Poetry is a form of literature that uses aesthetic and rhythmic qualities of language.

Compose a short poem describing the benefits of 'Travelling'.

You may use the words given in the box below, to help compose the poem.

High-Hills green	-	forests aeroplane car cool	-	climate Peaceful	-	scenery
culture and music	-	flora and fauna environment Fun	-	frolic gripping-trip		

Task 1: Composing a Poem(SEA)

Tips for Composing Your Poem

Step 1 – Get Passionate:

You need to be passionate (or have strong feelings) about the topic you are going to write.

Step 2 – Take strong words out and rhyme.

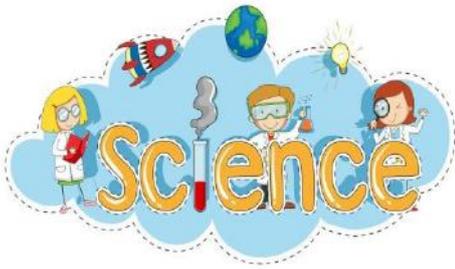
Find some rhyming words for expressing your feelings. Remember to pick the rhyming word with the meaning close (or metaphorical) to the subject you are writing on.

Step 3 – Pick a title for your poem

Next step is to pick a title from the extract you have written which justifies the conclusion. Try to make it simple and thought provoking. Don't try to use fancy or difficult words in your title. Write your poem on an A4 size sheet with suitable illustrations.

Task 2 : Read books! May it be fables, fairy tales, encyclopaedia or comic books. Explore the imaginative world and go on a fantasy tour.

Task 3: Enhance your communication skills by conversing with your friends and family in English.



Explore the world within.....

Who doesn't love food? It's fun to make, it is fun to eat, it is fun to ...study? That's right! There is a lot of science that goes into the everyday foods that you love. Try one of our food science projects to explore questions such as how baking ingredients work, how and why certain ingredients mix well together, and why people's tastes differ?

Experiment -1(SEA)

If you've ever been on a long hike, you probably already know how hungry all that walking can make you. But if you're going a long distance, the last thing you want is a heavy pack of snacks on your back. So what can you bring along for a healthy, hunger-satisfying, lightweight snack? How about dried foods, like banana chips or potato chips? Even raw Mango season is here. We get lots of raw mangoes from the mango tree from our garden and use them every day at home cooking. However, the season is limited and we want to have the raw mango flavor all year round. So, we dry the raw mangoes and store them in glass bottles for latter use. Many foods have high water content. The drying process removes much of the water from the food, leaving behind a lighter, but equally nutritious snack. Just how much water is removed during drying? Find out for yourself by making your own supply of dried banana chips (or another fruit of your choice). You'll need to research different drying techniques and remember to weigh the bananas before and after drying to calculate how much water was lost. You can also try comparing the results of different drying techniques, or comparing the amount of water lost from different types of foods during drying. Happy snacking!

You can use a dehydrator, oven, microwave sun-dry or even air-dry some foods.

To dry foods successfully you need:

- 1) Low humidity. Low humidity allows moisture to move from the food to the air.
- 2) A source of low heat. The warm temperature allows the moisture to evaporate.
- 3) Air circulation. Air currents speed up drying.

Note: The dried food needs to be brought to school and explain the process

Experiment-2

Dried beans are a major ingredient in dishes served all over the world. In their dried form, they can be stored for years and then "brought back to life" by soaking them in water. In this experiment you have to measure just how much water is absorbed by beans when they rehydrate (soak up water). Can such a little bean really hold that much water?

Objective:-

Measure how much water is absorbed by dried beans.

Procedure:-

1) Label six plastic cups with the permanent marker, as follows:

Cup #1: Zero

Cup #2: 0.3 hour (20 minutes)

Cup #3: 1 hour

Cup #4: 3 hours

Cup #5: 9hours

Cup #6: 27hours

2) Put one plastic cup onto the scale and zero the scale. Have an adult show you how to do this if you do not know how. Then weigh out and put 50 grams (g) of the dried beans into each of the six cups.

3) Add 100 mL of water to cups 2–6.

Note: Cup # 1 is a "no water" control. Having a control leads to more-trustworthy data.

4) Record the time that the water is added in your notebook.

Choose a start time that will allow you to weigh the beans at the times listed above.

5) Cover the cups with plastic wrap.

6) After the given time of each glasses, pour the contents of cups into a strainer.

7) Shake as much water as you can off of the beans in the strainer.

8) Pour the beans onto several sheets of paper towels.

9) Gently dry the beans with the paper towels.

10) Put a clean dry cup on the scale.

11) Record the weight of the beans from cup #1 to cup#6 in a data table, like Table 1, below, in your notebook.

Soaking time	Mass for Trial	Mass for Trial	Mass for Trial	Average Mass
	#1	#2	#3	
	(50g)	(50 g)	(50g)	(in g)
0.3 hours				
1 hour				
3 hours				
9 hours				
27 hours				

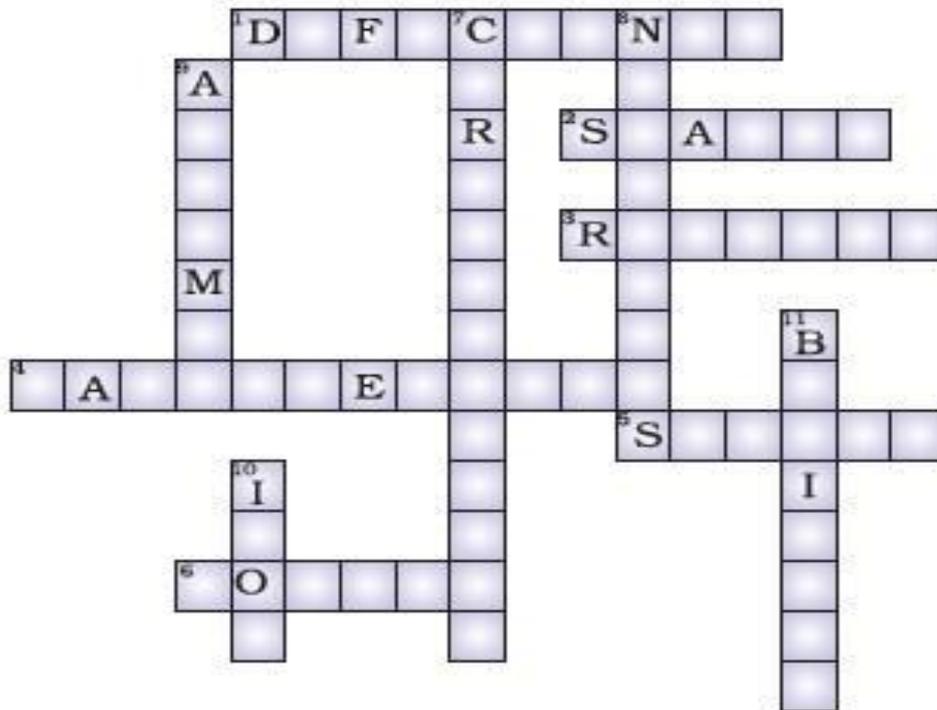
Table 1. In your notebook, make a data table like this one to write your results in.

Wrap the discarded beans from the cups in a piece of wet cotton cloth and set them aside. Do you observe any changes in the seeds after a day?

Repeat the entire procedure two more times, for a total of three trials. This ensures that your results are accurate and can be repeated.

Calculate the average masses. To do this, add the data from the three trials for each amount of time together, then divide by three (for three trials). Ask an adult if you need help with this step. How did the masses change over time?

III. Solve the cross-word puzzle using the clues given below.



Across

1. Lack of nutrients in our diet over a long period causes these diseases (10)
2. Rice and potato are rich in this type of carbohydrate (6)
3. Deficiency disease in bones making it become soft and bent (7)
4. The diet that provides all the nutrients that our body needs, in right quantities, along with adequate amount of roughage and water (8, 4)
5. Deficiency disease with bleeding gums (6)
6. Disease caused due to deficiency of iodine (6)

Down

7. Starch and sugar in our food are rich in this type of energy giving nutrient (13)
8. The term given to the useful components of food (9)
9. The disease caused by deficiency of iron in diet (7)
10. Green leafy vegetables, liver and apples are rich in this mineral (4)
11. Deficiency disease caused due to lack of Vitamin B 1 in the diet (8)

Computers

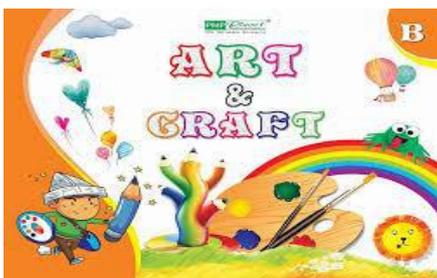
philipmartin.info



- I.
 1. Open MS-Word-Insert pictures of “Types of computers” discussed in the class (download the pictures from google) and pictures must be in rectangle box
 2. Give the computer type name above each picture
 3. Apply effects to the picture box from ‘shape effects’ option in Format menu

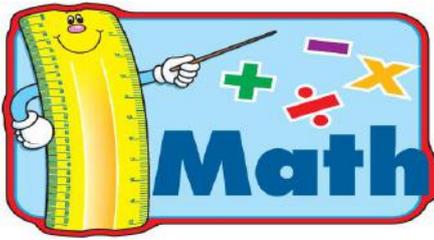


- II.
 1. It's your friend's birthday, design a beautiful and attractive greeting card for him/her. Use different shapes, pictures, colors etc.. in MS-Word (SEA)
- III. Write few lines about your summer vacation and apply bullets to each line and align text to the left side of the page



Art and Craft

- I. Make a photo frame using waste material like news paper, old CD etc.
- II. Make any one origami (hut/shirt/ puppy face)



Math is Fun & Math is everywhere.....

1. **Math Formulary/ Dictionary (SEA)** Ever thought of a Math Dictionary/Formulary of your own? Try making one with terms you can explain the best and put some formulas which you always found difficult to remember. You may choose pictures to describe them.

2. **WHO'S THAT?**

Who are the people on our banknotes? Choose ONE of them and research what they are famous. Why do you think they were chosen to be represented on our currency?

MONEY MAKER: Create a new Indian coin or banknote. Illustrate the front and back. Explain why you choose the person, bird, animal, plant, pattern, value etc as your icon on your created Indian coin or Banknote.

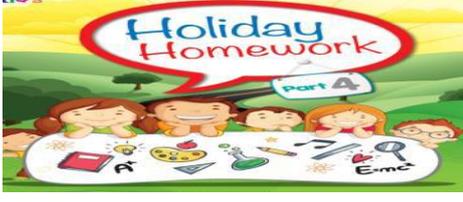


3. **TIC – TAC –TOE:-**

This a game in which two players seek in alternate turns to complete a row, a column, or a diagonal with either three O's or three X's drawn in the spaces of a grid of nine squares; noughts and crosses.

- i. Draw a nine square tic-tac-toe grid on each of the sheets of white paper. Next, arrange the sheets of paper into a 3x3 grid with the tic-tac toe grids facing up
- ii. Then, write a random problem in each of the 81 spaces. For example: $3 \times 5 + 5 = ?$
- iii. You and your friend take turns trying to solve the various problems contained within the grids. If either player can successfully solve a problem; they can put either an X or an O in the square.
- iv. Whoever gets tic-tac-toe on a given sheet by solving three problems in a row on a given grid can turn the sheet over and mark it with an X or an O. To win, a child must successfully get three sheets in a row

O	X	O
O	X	X
X	O	X



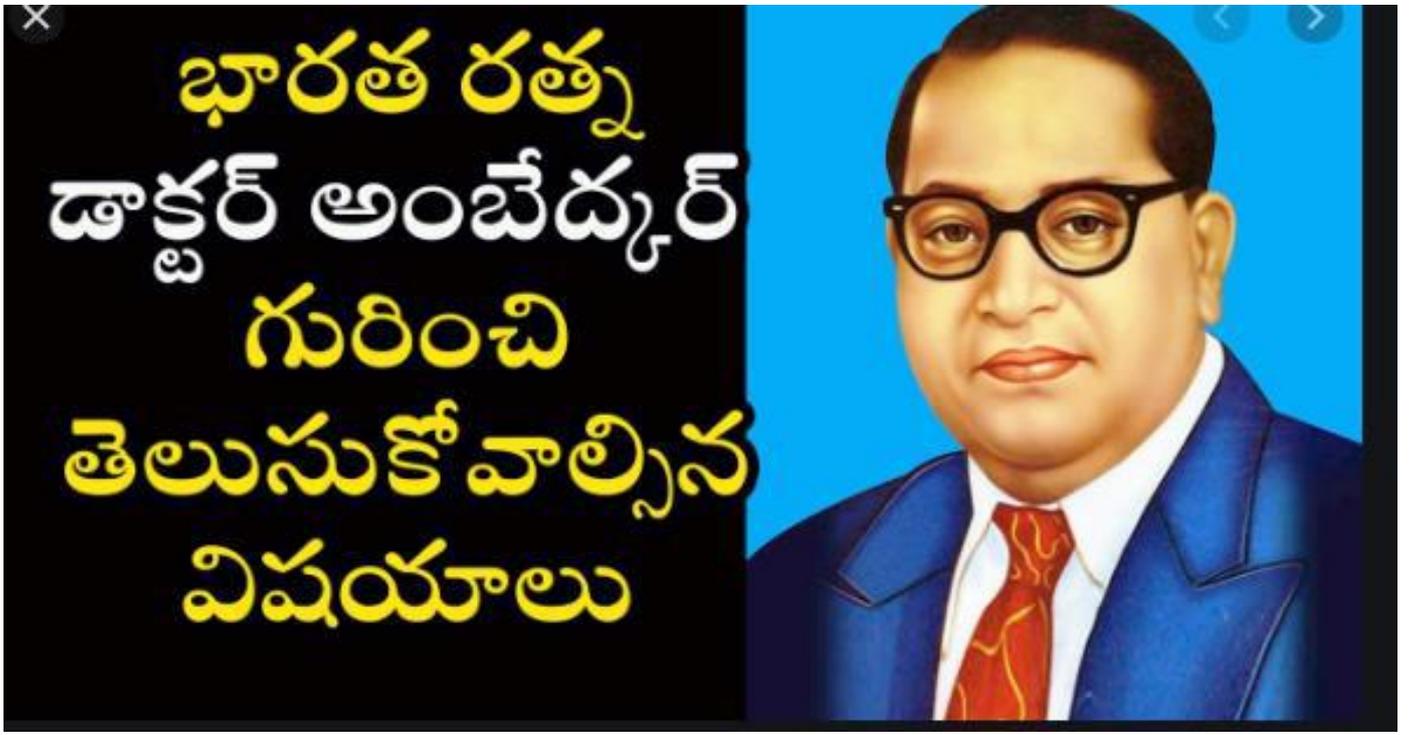
I. ఇచ్చిన ఆధారాలను బట్టి Y ఉచ్చారణతో మొదలయ్యే తెలుగు పదాలు రాయండి

1.	విష్ణు స్థానం	Y	కుం	ఠం
2.	నవరత్నాలలో ఒకటి	Y		
3.	ఓ తెలుగు నెల	Y		
4.	పొడవు X వెడల్పు	Y		
5.	విధం	Y		
6.	సీత	Y		
7.	చికిత్స చేసేవాడు	Y		
8.	శత్రుత్వం	Y		
9.	ఓటమి	Y		
10.	ఘనం	Y		

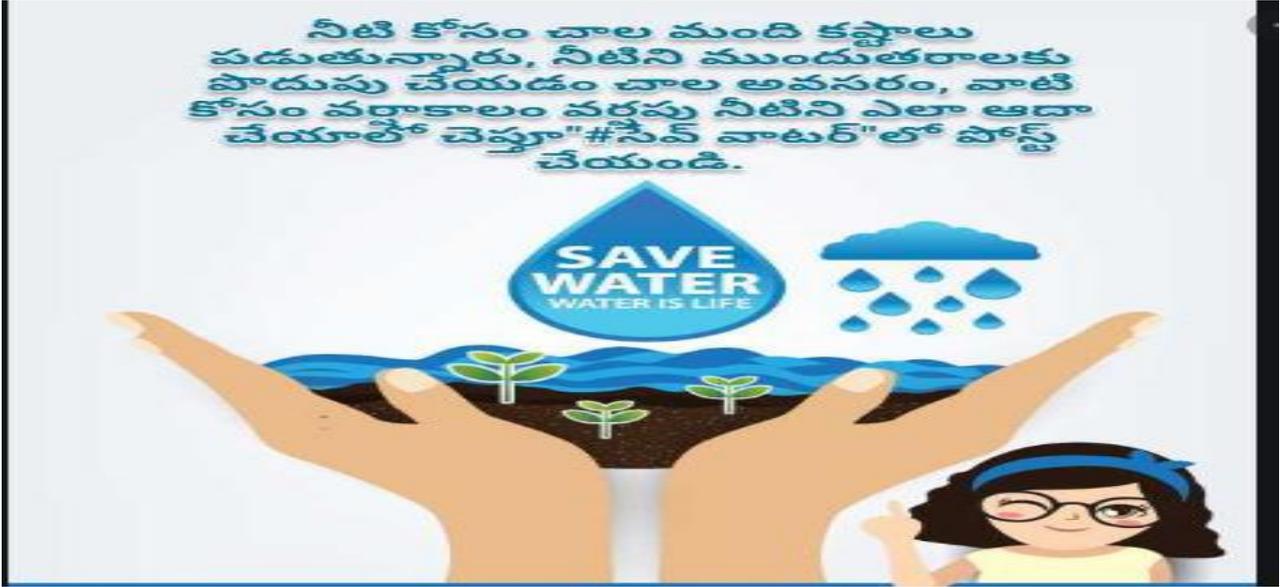


II. గొప్పవ్యక్తి చరిత్ర, ఆత్మకథ గురించి చదవడం

గొప్ప వ్యక్తుల గురించి చదవడం వలన మనకు కూడా వాళ్ళలా అవ్వాలనే కోరిక కలుగుతుంది. వారు ఉన్నత స్థితికి ఎలా ఎదిగారో ఎదగడానికి ఎంత కష్టపడ్డారో తెలుసుకోవచ్చు. ఆ విధంగా మనం కూడా ప్రయత్నం చేయవచ్చు. మంచి పుస్తకం 100 మిత్రులతో సమానం అంటారు పెద్దలు అందుకని **డా. బి. ఆర్ . అంబేద్కర్ గారి గురించి మనం చదువుకుందాం. ఆయన ఏన్ని కష్టాలు పడ్డారో, ఎలా ఎదిగారో, అంత ఉన్నత స్థితికి ఎలా చేసుకున్నారు ఈరోజు ఆయన జీవిత చరిత్ర చదివి తెలుసుకుందాం.**



- డాబి. ఆర్ .. అంబేద్కర్ గారి జీవిత చరిత్రను చదివి, ఆయనలో నీకు నచ్చిన అంశాలను గురించి ఒక వ్యాసము నురాయండి
- III. సుమతి శతకం వేమన శతకం ఒక్కొక్క శతకం నుండి రెండు పద్యాలు రాయండి
- IV. క రోన వ్యాధి నుండి విముక్తి పొందడానికి ఏమి చేయాలో సూచనలు తెలియజేస్తూ మీ తాతయ్య గారికి లేఖ రాయండి .



- V. పై న ఇవ్వబడిన చిత్రములా పర్యావరణం(చెట్టులేకపోతే) గురించి చక్కని చిత్రము గీసి, రంగులు వేసి, ఆ చిత్రము గురించి కొన్ని వాక్యాలు రాయండి . (S E A)

Note: Holidays HomeWork to be done at home in the notebook(new or old as per availability)during quarantine period.

हिंदी



सूरज लगा चमकने
पसीना लगा टपकने

कोल्ड ड्रिंक पिलाने का टाइम आया
तो दोस्त भी लगे सटकने

१. निम्नलिखित गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर लिखिए।

एक बार नेहरू जी रूस की यात्रा पर गए। वहाँ उनका बहुत शानदार स्वागत हुआ। रूस के किसी गांव का एक बच्चा भी उन्हें देखने और मिलने आया था। पहरेदार ने उसे अन्दर नहीं जाने दिए। बच्चा रोते - रोते निराश होकर वही बैठ गया। कुछ देर बाद नेहरू जी बहार आये और बच्चे को रोते देखा। वे उसके पास गए और बड़े प्यार से पूछा, 'तुम क्यों रो रहे हो।' बच्चे ने जबाब दिया, 'मैं एक गरीब लड़का हूँ और दिया, मैं एक गरीब लड़का हूँ और दूर के गांव से नेहरू जी को देखने के लिए यहाँ आया हूँ। पर पहरेदार ने मुझे अंदर नहीं जाने दिया। नेहरू जी न बच्चे को गले लगा लिया। बच्चा यह नहीं जनता था की वे ही नेहरू जी हैं, फिर भी उन्होंने उसे फूलों का एक गुलदस्ता दे दिया। फिर उन्होंने बच्चे को एक पेन अपना फोटो उपहार में देते हुआ कहा 'मैं हे पंडित नेहरू हूँ और मुझे तुमसे बहुत खुशी हुई। आशा है की तुम भारत का नाम सदा याद रखोगे'

प्रश्नों के उत्तर दीजिए।

- गायांश के लिए उचित शीर्षक। फूलों खुशी आशा तुम
- नेहरू जी किस देश की यात्रा पे गए थे।
- नेहरू जी ने बच्चे को क्या उपहार दिया।
- 'मुझे तुमसे मिलकर बोहोत खुशी हुई। किसने किस्से कहा ?
- 'सफर' का समानार्थि शब्द लिखीय?
- 'गुलदस्ता' का उपयुक्त वर्ण- विशेद कीजिए
- स्वागत' का संधि- विच्छेद कीजिए ?
- उपहार शब्द का पर्यायवाची लिखिए ?

२ .निम्नलिखित पद्यांश को पढ़कर दिए गए का प्रश्नों का उत्तर दीजिए।

संकटों से वीर घबराते नहीं,
आपदाएँ देख छिप जाते नहीं।
लग गए जिस काम से पूरा किया,
काम करके व्यर्थ पश्ताते नहीं।

कठिन पथ को देख मुस्कुराते सदा,
संकटों के बीच वे गाते सदा।
हैं असम्भव कुछ नहीं उनके लिए ,
सरल-संभव कर दिखते वे सदा।।

प्रश्नों के उत्तर दीजिए ?

१. पद्यांश के लिए उपयुक्त शीर्षक हैं :
२. वीर संकटों को देख कर क्या करते हैं ?
३. वीर सभी कार्य को कैसे करते हैं ?
४. वीर किसे देखकर मुस्कुराते हैं ?
५. 'आपदाएँ' का क्या अर्थ है?

३. . पर्यायवाची शब्द लिखिए।

क. कपड़ा ख. रात ग. पानी घ. ज़मीन

४. विलोम शब्द लिखिए।

क. देश x ख. जीत x ग. नायक x घ. अधिक x

५. लिंग बदलिये।

क. अभिनेता ख. नायक ग. गायक। घ. हाथी

६. वचन बदलिये।

क. कथा ख. अनोखा ग. भाषा घ. बहन

७. विशेषण की परिभाषा उदाहरण सहित दीजिये?

८. आपके सपनों का देश कैसा होना चाहिए ? लिखिए।

९. अपने विचार बताओ की हिंदी भाषा का हमारे जीवन में क्या महत्व है ?

१०. कोई भी अपनी मन पसंद की हिंदी कहानी लिखिए?

११. विद्यार्थी और अनुशान पर अपने विचारों को उदाहरण के साथ स्पष्ट करते हुए अनुच्छेद लिखिए ?

PHYSICAL EDUCATION

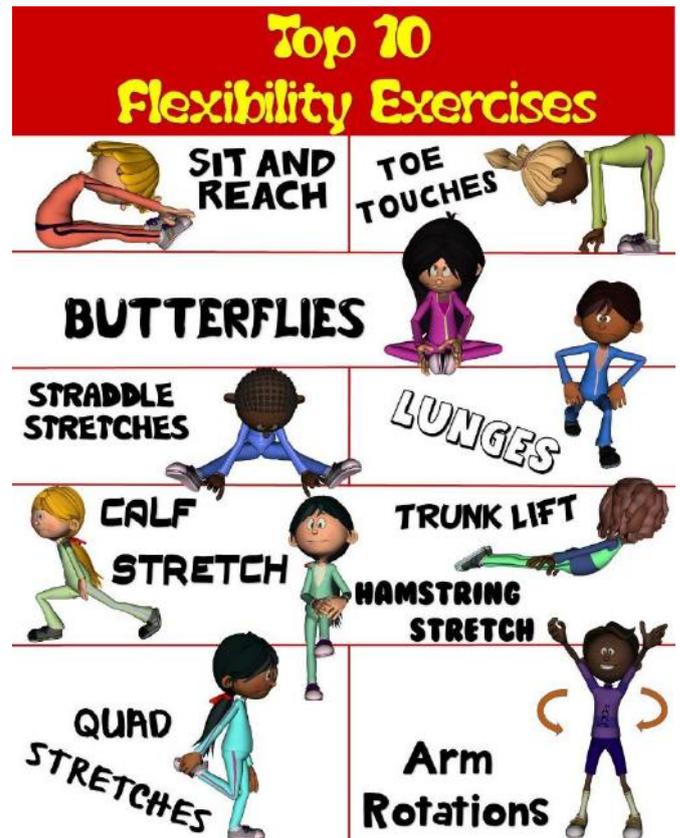


Do the following to keep yourself fit and healthy.

Daily Fitness Challenge for Kids



- | | |
|------------------------|------------------------|
| A: 10 Jumping Jacks | N: 4 Lunges |
| B: 30 Second Plank | O: 3 Burpees |
| C: Crab Walk | P: 10 Second Butterfly |
| D: 10 Push Ups | Q: Run in Place 1 Min |
| E: 10 Sit Ups | R: 7 Jumping Jacks |
| F: 5 Cartwheels | S: 4 Leg Kicks |
| G: Headstand | T: 5 Sit Ups |
| H: 4 Somersaults | U: 15 Second Plank |
| I: Duck Walk | V: 3 Cartwheels |
| J: Jump In Air 5 Times | W: Crab Walk |
| K: Touch Toes 6 Times | X: 2 Somersaults |
| L: Spin Around 3 Times | Y: 5 Lunges |
| M: 10 Leg Kicks | Z: Duck Walk |



STAY FIT STAY SAFE