



Academic session-2018-19

Holiday research work (Learning with fun)

Date:

Name:

Class:

The much awaited summer vacation is knocking at the door. The very thoughts of summer vacation include images of time for relaxation to escape the heat, pursuing of leisure activities and indulging in good quality time with friends and family. There are plenty of productive ways that your ward can spend the vacation which can be fun, relaxing and helpful for his/her education and life skill.



**Do's and Don'ts in Summer
Season.....**



Do's

- Drink lots of water.
- Wear light cotton clothes.
- Have plenty of seasonal fruits like musk-melon, water-melon, orange, cucumber, etc.
- Whenever going out always use umbrella.
- Discover your creativity through Research task.
- Study for one hour every day.
- Explore various olden days games with your Mama ,Papa ,Grandparents.
- Enjoy your family time.

Don'ts:

- Don't be out of house in afternoon sun.
- Don't have junk food.
- Don't watch too much TV, mobile phone or TAB.
- Don't waste time in being lazy.

We wish to imbibe in our students the willingness to spend their summer vacation well; making optimum utilization of time, following their heart's passion and at the same time enhancing their academic knowledge.



Index for Research Tasks Grade9

Subject																																																																																																										
Hindi	<p>* Apne ghar ke kisi bade vyakthi se jaan ne ka prayas kijiye , unke samay mein greeshm kaaleen chuttiyan (summer vacation) kis prakar ki hoti thi, vey kaise bitathe they.</p> <p>*Aap apne pariwar ke saath kahi bhi bahar, jaise-mysore, ooty ghoom ne gaye, waha apne kya-kya kiya.Dainik vivaran dijiye. jaise-pratham divas - Subah das baje pahuche.....</p> <p>Dwiteey divas -</p>																																																																																																									
Telugu	<p>Tourism is an important industry. Find out the places that tourist visit of your choice around the globe. Which factors do you think attract tourists to these spots. Use the pictorial presentation and list the factors.</p> <p>Locate 10 top most economical and technical developed countries of the world in the world map. State major reasons behind it.</p>																																																																																																									
English	<p>Read any book and write a book review,Write the script of any movie you have recently seen.Create a token of love and appreciation for your mother on Mother's Day</p>																																																																																																									
Math	<p>Prepare a table of properties of quadrilaterals with diagrams.Try to make the models of that quadrilaterals using colourful sheet (creatively)</p>																																																																																																									
Science	<p>It's commonly known that soda has a large quantity of sugar.But how much sugar is there in fruit juice?Does it matter that it's "fresh squeezed" or that it's "organic"?What is the purpose of these labels, and what do they tell us about the amount of added sugar?</p> <p>Experimental Procedure:</p> <p>Weigh the pot you are using on a scale.Note how much it weighs.</p> <p>Take the Fruit Juice, and pour a predetermined amount into the pot.</p> <p>Boil until all the water evaporates.All that will be left is the sugar.</p> <p>Weight the pot now (once it cools), and subtract the initial weight of the pot. This is how much sugar is in the drink.</p> <p>Repeat with Fresh Squeezed Fruit Juice, Organic Fruit Juice, and Soda.</p> <p>Record the observations and report accordingly.</p>																																																																																																									
Social	<p>State how the weather forecasting would help a pilot,fisherman, captain of a ship, or a farmer.</p> <p>Write a detail report on it.</p>																																																																																																									
ICT	<div style="text-align: center;"> <table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>1</td> <td colspan="6" style="text-align: center;">First Sem-Results</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td style="text-align: center;">Student</td> <td style="text-align: center;">Test Average</td> <td style="text-align: center;">Project</td> <td style="text-align: center;">Total</td> <td style="text-align: center;">Final Grade Pass or Fail</td> <td style="text-align: center;">Performance</td> </tr> <tr> <td>4</td> <td>Ahmed</td> <td style="text-align: center;">74.1</td> <td style="text-align: center;">5</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> </tr> <tr> <td>5</td> <td>Alli</td> <td style="text-align: center;">51.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>Amal</td> <td style="text-align: center;">59.9</td> <td style="text-align: center;">7</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>Mona</td> <td style="text-align: center;">79.4</td> <td style="text-align: center;">8</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>Eman</td> <td style="text-align: center;">53.5</td> <td style="text-align: center;">4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td style="text-align: center;">↓</td> <td style="text-align: center;">↓</td> <td style="text-align: center;">↓</td> </tr> <tr> <td>10</td> <td>Class Average</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>Highest Grade</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>Lowest Grade</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> <td></td> <td></td> </tr> <tr> <td>13</td> <td>No. of students</td> <td style="text-align: center;">?</td> <td style="text-align: center;">?</td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div> <p>1.Create the worksheets shown above.</p> <p>2.Set the column widths appropriately.</p> <p>3. Find the Total marks of each student, where Total = Test Average + Project.</p> <p>4.Using IF Statement, Find the Final Grade of students. If Total is greater than 60, Final Grade is "Pass", otherwise "Fail".</p> <p>5.Find the Performance of each student. If the Project mark is less than 6, Performance is</p>		A	B	C	D	E	F	1	First Sem-Results						2							3	Student	Test Average	Project	Total	Final Grade Pass or Fail	Performance	4	Ahmed	74.1	5	?	?	?	5	Alli	51.5					6	Amal	59.9	7				7	Mona	79.4	8				8	Eman	53.5	4				9				↓	↓	↓	10	Class Average	?	?	?			11	Highest Grade	?	?	?			12	Lowest Grade	?	?	?			13	No. of students	?	?				14						
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	"Poor", otherwise "OK". 6. Calculate the Class Average Highest Mark, Lowest Mark and Count the number of students. 7. Create Header that includes date in the left section and Time in the right section. 8. Create a Footer with your name in the left section and Page number in the Center Section 9. Center the worksheet vertically and horizontally on the page 10. Save the file with the name Projectyourname
Arts	Craft: Create a model of global warming or Pollution (Using thermocol or Cardboard).