

SUMMER VACATION

***Summer, Summer almost here,
Let's give summer a big fat cheer!
Of this fact I'm surely clear,
Summer is the best time of year.***

Dear Parents,

Holidays are time when you can connect with your child in many ways. As parents are the first and the most important teacher for a child, you can encourage your child to participate in many educational activities at home and promote his/her quest to learn. Working together will not only help your child to build, learn and develop his/her skills but also strengthen your bond with him/her. We wish you a very happy and a fruitful family time during this summer vacation.

Instructions :


1. Parents are requested to encourage their child to complete the activities independently.
2. Inspire them to do neat work and tell them the importance of neatness.
3. Devote a fixed amount of time everyday to finish the work gradually, to avoid piling of work. Teach them about time management.
4. **All assignments are to be done in the school assignment file or as mentioned.**
5. **All the activities will be assessed in the 'Subject Enrichment' category and will be marked in the respective subjects.**
6. The activities should be submitted to school on **Wednesday, 06 July, 2022.**
7. A copy of the holiday activities is available on the school website: www.angels-school.com

***Have a fun, safe and memorable
'Summer Vacation'.***

ANGEL'S PUBLIC SCHOOL

CLASS – IX HOLIDAY HOMEWORK SESSION 2022–23

SUMMER VACATIONS HOLIDAY HOMEWORK

Subjects	Homework
English	<p>(a) Writing :-Complete the worksheet. [ATTACHED WORKSHEET – I]</p> <p>(b) Grammar:-Complete the worksheets. [ATTACHED WORKSHEET – II , III,IV]</p>
Hindi	आगे बढ़ती भारतीय महिलाओं के बारे में संक्षिप्त जानकारी प्राप्त करके लिखिए एवं उनसे संबंधित चित्रों का संग्रह कीजिए :- (क) पी टी ऊषा (ख) आरती साहा (ग) किरण बेदी ।
Maths	<p>(1) Solve the worksheet attached. [ATTACHED WORKSHEET – V]</p> <p>(2) Complete your practical file.</p>
Science	<p>(A) (1) Complete your practical file. (2) Read Ch-5,6 and 7.</p> <p>(3) (a) Write three causes, three effects and three remedies of plastic pollution. (b) Paste relevant pictures. (in your assignment file)</p> <p>(B) Draw a 3D Chart on any one of the following topics : - Fractional Distillation, Distillation, Inter conversion of States of Matter.</p>
Social Science	<p>(1) Make a project file on the topic 'Disaster Management' as per the instructions given below:- (a) Introduction (b) Type of disasters (c) Causes (d) Remedies</p> <p>(2) Make a poster of any two kinds of disasters. (Example :- Floods, Droughts)</p>
Art & Craft	<p>Lippan art work – Make an art piece of Lippan Art work with the help of cardboard, mouldit clay and mirrors.</p> 

[ATTACHED WORKSHEET – II]

Grammar (Editing : Error Correction)

(A) The following passages have not been edited. There is an error in each of the lines against which a blank is given. Write the incorrect word and the correction in the space provided. Remember to underline the word you have supplied.

(1)

To help women in rural area became (a)
literate, World Education decided for (b)
bring literacy classes to woman (c)
where they can study on their own (d)
Homes with there neighbours. Since 2003, (e)
World Education and local partners has (f)
helped over 100,000 women in any of (g)
Pakistan's most isolated areas learn to (h)
read, write and did basic maths.

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(2)

Mumbai lying on the west coast of (a)
India and have a deep natural (b)
harbour. The seven islands that came
to constitute Mumbai was home to (c)
communities of fishing colonies. Since (d)
centuries, an islands came under the (e)
control on successive indigeneous empires (f)
before been ceded to the Portuguese (g)
and subsequent to the British East (h)
India company.

(3)

The twentieth century was ones in (a)
what many freedom movements (b)
took hold and bear fruit. After (c)
decades of struggle, India shook of (d)
the might British Empire. Black (e)
citizens of a United States of America (f)
began to enjoying equal rights (g)
with there white compatriots. (h)

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(4)

One must been helpful. The whole world (a)
wants to be loved by other but there (b)
are hardly any people that want to (c)
love others. Always we expecting (d)
others to help us, but what many (e)
times are we helped others? (f)

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[ATTACHED WORKSHEET – III]

(B) The following passages contain some errors which have been underlined. Edit them by choosing from the appropriate options.

(5)

Haryana is on the threshold (a) on becoming the first state in the country to introduce (b) a earn-while-you-learn pattern of employment for their college students. The scheme (c) that has been tailored on the western system (d) can allow students (e) to working for a maximum of six hours a week in (f) it's respective colleges.

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|---------------------|--------------------|
| (a) (i) at | (iii) of |
| (ii) by | (iv) in |
| (b) (i) an | (iii) any |
| (ii) the | (iv) one |
| (c) (i) which | (iii) who |
| (ii) what | (iv) whose |
| (d) (i) must | (iii) ought to |
| (ii) should | (iv) will |
| (e) (i) for working | (iii) in working |
| (ii) to work | (iv) to be working |
| (f) (i) its | (iii) their |
| (ii) theirs | (iv) ours |

(6)

Yesterday (a) if we were driving (b) along a forest we saw a deer on the right side of the road. My friend (c) bring out his camera (d) and the deer quickly jumped (e) at a pit. We stopped to help the deer get out of the pit. A man tied a rope to (f) its waist and (g) go into the pit and lifted it out. It ran away (h) faster.

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|---------------------|-------------------|
| (a) (i) since | (iii) unless |
| (ii) when | (iv) though |
| (b) (i) beyond | (iii) through |
| (ii) in | (iv) between |
| (c) (i) is bringing | (iii) has brought |
| (ii) brings | (iv) brought |

- | | |
|----------------|-------------------|
| (d) (i) but | (iii) still |
| (ii) yet | (iv) or |
| (e) (i) into | (iii) in front of |
| (ii) on | (iv) from |
| (f) (i) her | (iii) their |
| (ii) his | (iv) it's |
| (g) (i) goes | (iii) went |
| (ii) is going | (iv) has gone |
| (h) (i) fastly | (iii) fast |
| (ii) fastest | (iv) most fastest |

(7)

Rabindra Nath Tagore was a man of (a) huge genius (b) which founded the famous Shanti Niketan. He (c) is composer India's national anthem. His (d) literature career extended over 60 years. He wrote (e) much poems, stories, novels and plays. He was awarded the Nobel Prize for literature (f) at 1913. He was also knighted in 1915 (g) and he was a patriot, so he (h) is returning it.

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|----------------------|----------------|
| (a) (i) big | (iii) great |
| (ii) large | (iv) high |
| (b) (i) that | (iii) whose |
| (ii) who | (iv) what |
| (c) (i) composes | (iii) compose |
| (ii) is composing | (iv) composed |
| (d) (i) literacy | (iii) literate |
| (ii) literally | (iv) literary |
| (e) (i) many | (iii) most |
| (ii) more | (iv) all |
| (f) (i) on | (iii) between |
| (ii) in | (iv) from |
| (g) (i) yet | (iii) nor |
| (ii) still | (iv) but |
| (h) (i) has returned | (iii) returned |
| (ii) returns | (iv) return |

[ATTACHED WORKSHEET – IV]

Grammar (Cloze : Gap-filling)

(A) Complete the following passages by filling in the blanks with suitable words. Write your answers in the space provided.

(1)

Today (a) varieties of tea and tea brands are available in the market. (b) innovation, the tea bag is easy, quick and less messy (c) the traditional method of brewing tea. Green tea is popular (d) China and the far east. In Japan, the tea ceremony (e) a traditional way of greeting guests and is a social occasion. Unlike the tea we are familiar (f) , green tea is not taken with sugar or milk.

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(2)

We are living in a world (a) every girl wants to be a diva and every boy desires to (b) called a dude. Where malls (c) replaced the street-grounds of the past and childish pranks (d) substituted with emotional hiccups. A world where social acceptance is measured (e) your friends' list on a social networking site and your coolness by (f) many new gadgets you have in your wardrobe.

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(3)

In a unique effort (a) combat childhood obesity, a primary school (b) Melbourne has launched (c) world's first standing classroom. A grade six class (d) Mont Albert Primary School has (e) fitted with height-adjustable desks to allow pupils to sit or stand, (f) part of an experiment by Baker IDI Heart and Diabetes Institute researchers.

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(4)

Doctors advise everyone (a) take up activities that stimulate the brain (b) reading books and newspapers, playing games, solving crossword puzzles or visiting museums. This improves our memory (c) helps to sharpen our language skills and increases (d) attention span. This ensures (e) we can remain fit even (f) we grow older and continue to enjoy life.

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[ATTACHED WORKSHEET – V]

1. In a triangle ABC, AB= 15 cm ,BC= 13cm and AC= 14 cm. Find the area of a triangle ABC and hence find its altitude on AC.

2. Find the area of an equilateral triangle whose side is 4 cm.

3. Simplify:

(a) $(3+\sqrt{5})(\sqrt{2}+5)$

(b) $(\sqrt{3}-\sqrt{5})(\sqrt{3}+\sqrt{5})$

4. Write the reciprocal of $5+\sqrt{2}$.

5. Find the value of x and y in the following:

$$\frac{\sqrt{3}-1}{\sqrt{3}+1} = x + y\sqrt{3}$$

6. If $x = \sqrt{2}-1$, then find the value of $1/x$.

7. If $x = 2+\sqrt{5}$, then find the value of $x + 1/x$.

8. Find the value of the following.

$$(i) \sqrt[3]{4} \times \sqrt[3]{16}$$

$$(ii) \frac{\sqrt[4]{1250}}{\sqrt[4]{2}}$$

9. Find. $125^{2/3}$

10. Write four solutions of $x-y=5$.

11. Draw the graph of $2x+y=10$.

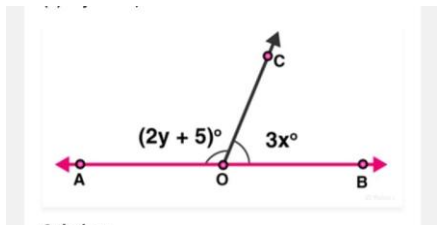
12. Simplify : $x^{(a+b)}, x^{(b+c)}, x^{(c+a)}$

$$(x^a, x^b, x^c)^2$$

13. If an angle is 28° less than its complement, find its measure.

14. Two supplementary angles are in the ratio 4 : 5, find the measure of the angles.

15. In the figure, OA and OB are opposite rays.



(a) If $x = 25^\circ$ what is the value of y?

(b) If $y = 35^\circ$, what is the value of x?