Daly College, Jr. School

Summer Vacation

It's summer time,

School vacations have begun,

Time for children to play,

And have fun in the sun

Now the children

Are out of school,

There are trees to climb,

And Swim in the pool.

Time to spend

With special friends,

And to chase their dreams

Until the days end….

Name _____   Class   VI CI   Section_____

Dear Parents,

Greetings from DC !!

It is once again summer time and we are ready for Summer Vacation. We are happy that they all love coming to school. For the next two months, you, their natural guardian will spend the vacation time with them.

As children move up to a higher grade in school, they have a strong desire to be like a grown up sharing responsibilities at home, in their neighbourhood and in school. Giving them opportunities to fulfill this innate need by allocating jobs and chores around the house, which they can do, helps in increasing their confidence and self esteem. Also giving them opportunities to participate in caring for pets, plants and family members makes them feel more as a part of the society that they grow up to live in. Yet the little child in them has to be nurtured by allowing them to play, collect things that fascinate them, build things that are meaningful to them, read books and express themselves in a rather new way for them that is writing. We have suggested a list of activities keeping these needs in mind and as parents we wish that you support them in doing these. Enjoy the holidays!!

Let us share some tips to make this period a fruitful and happy period for them and you.
At this juncture , I would share some time tested   tips with you :-

- ❖ Have at least   two meals together with your children; dining table discussions help to make a strong bond. Teach them the importance and hard work of the farmers and ask them not to waste their food.
- ❖ Let them wash their own plates after every meal . Children learn the dignity of labour from such activities.
- ❖ Allow them to help you in cooking. Let them chop their own vegetables and make their own fruit salad.
- ❖ Let them help you in setting the table for at least 1 meal.
- ❖ Learn 5 new words in English and list them in a note book everyday.

- ❖ Visit 3 neighbours .   Know more about them and build a friendship with them.

- ❖ Visit grandparents and let your children bond with them. Their love and emotional support is very important for your child. Let them plan a Grandparents' Day out, believe me they will cherish all these memories .Click snaps with them.

- ❖ Talk to them about   your work / business , let your child understand that you work very hard to support the family.

- ❖ Do not miss the local festivals and local market .Celebrate and visit them.(Malwa Festival)

- ❖ Gently encourage your child to raise a kitchen garden by planting seeds. Knowledge about plants and trees are an integral part of your child's growing up.

- ❖ Share stories about your childhood and your family history.

- ❖ Let them make their own bed and put away their toys and books back in their proper places.

- ❖ Encourage your child to pursue a hobby.

- ❖ Gently remind them to switch –off the lights, the fans and Ac/ Cooler when they are not in use.

- ❖ Encourage them to get up early in the morning and enjoy nature , listen to the chirping of the birds, feel the cool breeze and make bird feeders.

- ❖ Help them to make any toy / gift item / decorative piece with waste material- believe me, they will enjoy this Do It Yourself (DIY) activity.

- ❖ **Learn the poems given for the English and Hindi Choral Recitations . Poems for different classes   will   also be available on our school website; www.dalycollege.org**

The school re-opens on   19ᵗʰ June 2023

English

1 a) READ: a book each written by the following authors:

RK Narayan   Dr. APJ Abdul Kalam   Sudha Murthy

Ruskin Bond   Roald Dahl

b) Make a list of the books read.

c) Based on your reading, share a   story about yourself related to an event or character in oneof the books. This will provide you with an   opportunity to become introspective about the content that you have read and compare it to your own life experiences/ incidents.
You can make a mini book or a scroll to share your story.

d) Make a puppet with your old socks of one of the characters from any of these books.

The following link will teach you how to make it: Look at this video..https://pin.it/6juzbt2

2) You have learnt so many things in Immerse and Inspire, practice 2 good habits and see howgood you will feel and how happy your parents will be! Then, write a short paragraph on how you felt to be read aloud in the class when the schoolreopens.

3) Learn the poem given, for your Choral

   Recitation Competition." Perfume crisis by

   Sukumar Ray

4) Remember, try and explore nature as much as you can. Also, you

   could try watching thefollowing channels:

    BBC Earth   Discovery Channel   Masterchef Australia

   Ted Talks for Kids   Backyard Scientist

History

(Only one work to be done out History and Geography)

A person's relationship to its heritage is the same
as the relationship of a child to its mother.

Heritage is the legacy of artefacts/ painting/ building/ coins/ furniture/ weapon/ dress/ornaments/books/food-recipe/ car/record player/ watch etc. of a family or society that are inherited from past generations, maintained in the present and bestowed for the benefit of future generations. Whatever shape they take, these things form part of a heritage, and this heritage requires active effort on our part in order to safeguard it. They may be significant due to their possible economic value, but also because they create a certain emotion within us, or because they make us feel as though we belong to something - a country, a tradition, a way of life. The best way to preserve your cultural heritage, whatever it may be, is to share it with others.

So children !! at your home find a thing which is very old, may be of your grand or great grand father's/ mother's (may be older than this) time and make a colourful collage (click pics and paste or draw) describe it in 100 -150 words. Take help of your parents/ grand parents. Work to be done on an A4 or A3 size sheet, your work can be in booklet form also. Do not forget to mention your name, class and section. Please put appropriate heading at the top of your work like- SOCIAL SCIENCE WORK- My Grand-father's car. You can also mention any anecdote related to this thing. Please mention why should we preserve and safeguard these things. Submit it to your Social Science teacher when school reopens after summer-vacation.
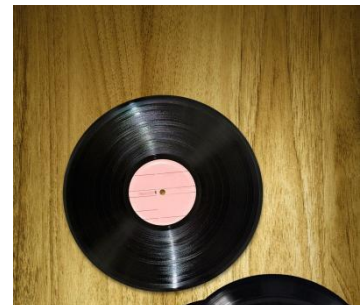
Geography

(Only one work to be done out History and Geography)

A perfect interesting activity project for kids of all ages to learn about how the planets move around the sun in our solar system.

To make a hanging mobile solar system , you'll need:

Crayons or coloured pencils, scissors, white thread, ribbon or string, white card-stock, glue, a hole punch and sponge balls.

Use your own imagination and creativity to make your own **solar system model or flip cards**.

Mathematics

1 3④ 7 <u>4</u>   2

How many times greater is the circled digit than the underlined digit?

a 10   **b** 100   **c** 1000 **d** 10 000

2 14 × 20 − 1 equals

a 14 × 20 − 1   **b**   20 × 14 31

c 280 − 14   **d** 280 − 1

3 What is 326 rounded to the nearest 10?

a 400   **b** 330   **c** 320   **d** 300

4
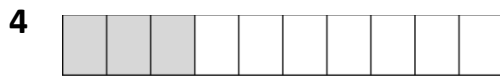
Which number best represents the shaded region?

a 0.03 **b** 0.3   **c** 0.7   **d** 3.7

5 Which is the largest number?

a 0.3   **b** 0.29 **c** 0.301 **d** 0.4

6 Which number lies between 0.6 and 0.7?

a 0.5   **b** 0.55 **c** 0.63 **d** 0.8

7 What is the value of the 2 in 1.23?

a 2   **b** 20   **c**   **d**

8 What number is between 0.4 and 0.42?

    a 0.45   **b** 0.421   **c** 0.403   **d** 0.04

9 The best estimate of 1.39 × 17.26 is

    a 0.2   **b** 2   **c** 20   **d** 200

10 Ten girls share $205 equally among them.
How much does each receive?

    a $2050 **b** $205   **c** $20.50   **d** $2.05

11
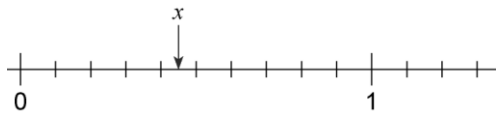
    The letter x represents the number

    a 0.4   **b** 0.45   **c** 0.5   **d** 0.65

12 Which is the largest number?

    a 0.39   **b** 0.301 **c** 0.389 **d** 0.4

13 The complement to 100 of 74 is:

    a 36   **b** 26   **c** 16   **d** 47

14 $56 \div 8 = ?$

    a 9   **b** 6   **c** 8   **d** 7

15 $2.43 \times 100 = ?$

    a 243   **b** 24.3   **c** 24300 **d** 2.4300

16 487 ÷ 1000 = ▯

    a 4.87 **b** 0.487 **c** 487000 **d** 0.0487

17 2.35587 rounded to two decimal places is

    a 2.35 **b** 2.356 **c** 2.4 **d** 2.36

18 Which is the largest measurement?

    a 4.2 km   **b** 4303 m

    c 400050 cm   **d** 500000 mm

19 ▯ × 1000 = 3400

    What is ▯?

    a 2400 **b** 34   **c** 3.4   **d** 0.34

20 20 − 12 ÷ 2 + 1 = ▯

    a 5   **b** 15   **c** 16   **d** 13

21 Which is the largest number?

    a ⁻5   **b** ⁻3   **c** ⁻9   **d** ⁻1

22 What is ⁻3 + 4?

    a ⁻7   **b** ⁻1   **c** 1   **d** 7

23
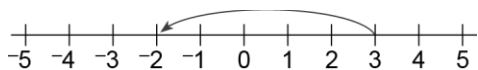
    The number line shows:

    a 3 − 5 = ⁻2   **b** 3 + 5 = ⁻2

    c ⁻2 + 3 = 1   **d** 3 − 2 = 1

24 ⁻11, ⁻8, ⁻5, ⁻2,… What is the next number in this sequence?

    a ⁻5   **b** ⁻1   **c** 0   **d** 1

25 7 + ⁻5 equals:

  a ⁻5 + 7 **b** 7 + 5 **c** 5 − 7 **d** ⁻7 + 5

26 One day in Washington the temperature was
⁻8 C. The next day it fell a further 2° C. What was the new temperature?

  a ⁻10° C **b** ⁻6° C **c** 6° C **d** 10° C

27 What is ⁻3 + ⁻5 − 4?

  a ⁻12   **b** ⁻4   **c** ⁻2   **d** 6

28 6 + ☐ = ⁻5
What is ☐?

  a ⁻11   **b** ⁻1   **c** 1   **d** 11

29 On Monday the temperature of a cold room was
⁻5° C. On Tuesday it was ⁻2° C. How did the
temperature change from Monday to Tuesday?

  a It rose by 3°C   **b** It fell by 3°C

  c It rose by ⁻2°C   **d** It fell by 2°C

30 Which of these is a multiple of 2, 5 and 7?

  a 10   **b** 14   **c** 35   **d** 140

31 Which number has the most factors?

  a 12   **b** 16   **c** 24   **d** 36

32 The smallest composite number greater than 45   is:

  a 43   **b** 46   **c** 48   **d** 53

33 How many prime numbers are there between 70   and 80?

  a 1   **b** 2   **c** 3   **d** 4

34 A bus holds 14 people. How many buses are
needed to transport 189 people?

  a 10   **b** 12   **c** 13   **d** 14

35 Which of these is **not** a square number?

   a 49   **b** 196   **c** 30   **d** 9

36 Which of these is **not** a prime number?

   a 2   **b** 3   **c** 7   **d** 21

37 Common factors of 12 and 16 are

   a 1, 2, 4   **b** 2, 4

   c 2, 4, 8   **d** 1, 2, 6

38 The highest common factor of 30 and 15 is

   a 5   **b** 60   **c** 30   **d** 15

39 The lowest common multiple of 12 and 8 is

   a 4   **b** 96   **c** 24   **d** 48

40 Which of these numbers is **not** divisible by 3?

   a 1122 **b** 233   **c** 234   **d** 123

41 Which of these numbers is divisible by 4?

   a 3172 **b** 314   **c** 238   **d** 4482

42 What is 3^2?

   a 6   **b** 9   **c** 3×2 **d**

43 What is   ?

   a 16   **b** 14   **c** 12   **d** 14^2

44 $26 \times 35 =$

   a 208   **b** 915   **c** 920   **d** 910

45 A piece of cloth 134 m long is cut to make   curtains.   If each curtain uses 8 m of cloth, how   many curtains can be made?

   a 17   **b** 16

   c 1072   **d** 16 remainder 6

PREPARE A NICE BOOKLET OF 20 SUCH MULTIPLE CHOICE QUESTIONS ALONG WITH ANSWER KEY BASED ON INTEGERS POWERS AND ROOTS AND SUBMIT AFTER THE SUMMER BREAK.

हिन्दी

* दी गई कविता सामूहिक कविता पाठ के लिए याद कीजिए।

* आपके घर में आने वाले किसी भी हिन्दी समाचार पत्र से नियमित **'खेल समाचार'** पढ़िए और मुख्य खेल समाचार **(headline)** (कम से कम पंद्रह दिन के) दिनांक के साथ लिखिए।

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*नियमित आपकी पसंद की कोई भी हिन्दी पुस्तक पढ़िए और पुस्तक के मुख्य पृष्ठ (cover page) का रंगीन चित्रांकन करते हुए सारांश (summary) लिखिए। **storyweaver.com से भी कहानियाँ पढ़ सकते हैं।** (उदाहरण के लिए कुछ अन्य पुस्तकें - हितोपदेश, बाल कथाएँ, निबंध लेखन और प्रसिद्ध व्यक्तियों की जीवनियाँ आदि।)

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* नीचे दिए गए विषयों पर स्वरचित (स्वयं द्वारा बनाई गई) कविताएँ लिखिए।
(कविताओं के लिए तुकांत शब्दों का प्रयोग कीजिए जैसे- आना जाना, खेलना कूदना, लिखाई पढ़ाई) आदि।

1 - त्योहार

2 - स्वप्न (मेरा सपना)

3 – आज़ादी

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*दिए गए शब्दों को पाँच - पाँच बार लिखिए। वर्तनी (spelling) का ध्यान रखिए।

चाहिए, क्योंकि, इसलिए, इन्होंने, उन्होंने, डेली कॉलेज, मैं(I), में(in), तुम्हें, तुम्हारा, उसका, उनका, मैंने, हमें, लेकिन, बल्कि, ताकि।

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गिनती अंकों और शब्दों में याद कीजिए।

Number	अंक	शब्द		Number	अंक	शब्द
1	१	एक		26	२६	छब्बीस
2	२	दो		27	२७	सत्ताइस
3	३	तीन		28	२८	अट्ठाईस
4	४	चार		29	२९	उनतीस
5	५	पाँच		30	३०	तीस
6	६	छह (छ:)		31	३१	इकतीस
7	७	सात		32	३२	बत्तीस
8	८	आठ		33	३३	तैंतीस
9	९	नौ		34	३४	चौंतीस
10	१०	दस		35	३५	पैंतीस
11	११	ग्यारह		36	३६	छत्तीस
12	१२	बारह		37	३७	सैंतीस
13	१३	तेरह		38	३८	अड़तीस
14	१४	चौदह		39	३९	उनतालीस
15	१५	पंद्रह		40	४०	चालीस
16	१६	सोलह		41	४१	इकतालीस
17	१७	सत्रह		42	४२	बयालीस
18	१८	अठारह		43	४३	तैंतालीस
19	१९	उन्नीस		44	४४	चवालीस
20	२०	बीस		45	४५	पैंतालीस
21	२१	इक्कीस		46	४६	छियालीस
22	२२	बाईस		47	४७	सैंतालीस
23	२३	तेईस		48	४८	अड़तालीस
24	२४	चौबीस		49	४९	उनचास
25	२५	पच्चीस		50	५०	पचास

Number	अंक	शब्द		Number	अंक	शब्द
51	५१	इक्यावन		76	७६	छिहत्तर
52	५२	बावन		77	७७	सतहत्तर
53	५३	तिरपन		78	७८	अठहत्तर
54	५४	चौवन		79	७९	उनासी
55	५५	पचपन		80	८०	अस्सी
56	५६	छप्पन		81	८१	इक्यासी
57	५७	सत्तावन		82	८२	बयासी
58	५८	अट्ठावन		83	८३	तिरासी
59	५९	उनसठ		84	८४	चौरासी
60	६०	साठ		85	८५	पचासी
61	६१	इकसठ		86	८६	छियासी
62	६२	बासठ		87	८७	सत्तासी
63	६३	तिरसठ		88	८८	अठासी
64	६४	चौंसठ		89	८९	नवासी
65	६५	पैंसठ		90	९०	नब्बे
66	६६	छियासठ		91	९१	इक्यानवे
67	६७	सड़सठ		92	९२	बानवे
68	६८	अड़सठ		93	९३	तिरानवे
69	६९	उनहत्तर		94	९४	चौरानवे
70	७०	सत्तर		95	९५	पचानवे
71	७१	इकहत्तर		96	९६	छियानवे
72	७२	बहत्तर		97	९७	सतानवे
73	७३	तिहत्तर		98	९८	अठानवे
74	७४	चौहत्तर		99	९९	निन्यानवे
75	७५	पचहत्तर		100	१००	सौ

Daly College, Jr. School

Biology

1.   Use your creative skills and ideas to make a model of plant cell or animal cell.

2.   Seedling Investigation (Activity sheet given below)

Activity: Seedling investigation

◈ In what conditions do the plants grow best?

You are going to investigate which combination of **light and temperature** helps plants to grow best.

◆ Take 6 pots (plastic glasses or small cardboard box or small poly bags or anything that can hold the soil together)

Half fill the pots with soil. (you can use the soil from your potted plants or from your garden)

◆ Carefully push same number of green moong dal seeds which have been soaked in water over night into each pot, until the seeds are covered with soil.

◆ Water the pots and place the pots in six different places.

 ◆ Cool, dark place

 ◆ Cool, light place

 ◆ Warm, dark place

 ◆ Warm, light place

 ◆ Hot, dark place

 ◆ Hot, light place

 (Eg: Hot, light place could be an outside space. Look for appropriate places in your house)

◆ Check the pot each day and water it.

A plant should grow in each one.

◈ Measure how tall the plant grows. Count the number of leaves. Observe whether it looks healthy or unhealthy.

◈ Predict which plant you think will be healthiest.

_____

◈ Record your results in a table neatly.

Place	Height (cm)	Number of leaves	observations
◆ Cool, dark place			
◆ Cool, light place			
◆ Warm, dark place			
◆ Warm, light place			
◆ Hot, dark place			
◆ Hot, light place			

◈ My conclusions are

_____

_____

_____

_____

_____

◈ Hope you will enjoy doing the activity.

Activity: Seedling investigation

Write the answer to the following questions in your notebook.

Q1. What is the question being investigated?

Q2. What are the independent variables in the investigation?

Q3. Write the dependent variables in the investigation?

Q4. What variables are being controlled in the investigation?

Q5. Which variable is affected when we change the independent variable?

Q6. Where did you place the pots for the following six different conditions?

◆ Cool, dark place

◆ Cool, light place

◆ Warm, dark place

◆ Warm, light place

◆ Hot, dark place

◆ Hot, light place

Q7. Predict which plant you think will be healthiest.

Q8. Represent your observations/results in a bar graph.

Q9. Write your conclusion.

Q10. Kindly take pictures of your experiment and paste in the notebook.

Physics

Make a colourful project on "life cycle of a star" explaining all the seven stages from birth to death. Depending upon the size of a star.

Chemistry

1. Make a table of 20 lab apparatus under the following heads in your notebook.
   Diagram on blank page.   Its use on ruled page.
2. Write the terms in Note book answer the questions based on graph.

Changes of State of Matter   Name: _____

Molecules of all matter are in constant motion. When temperature increases, molecular motion and therefore kinetic energy increases. Molecular motion increases when substances change from a solid to a liquid and then to a gas. Molecular motion decreases when substances change from a gas to a liquid and then to a solid.
The following changes of state, or phase changes, are *physical* changes, not chemical changes.

<u>freezing point</u> – the temperature at which a liquid changes to a solid
<u>melting point</u> – the temperature at which a solid changes to a liquid
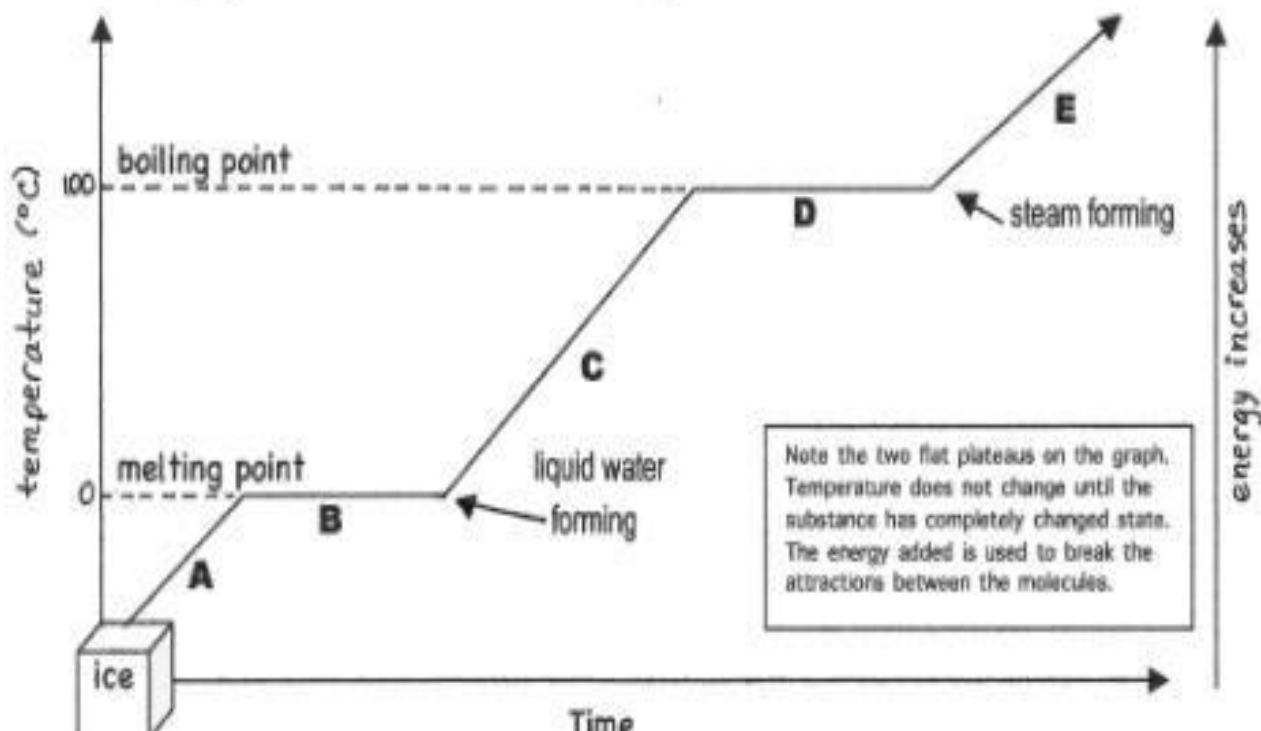<u>boiling point</u> – the temperature at which a liquid becomes a gas
<u>evaporation</u> – occurs when molecules change from a liquid to a gas below the boiling point; occurs when high-energy particles near the surface break bonds and become a gas
<u>condensation</u> – occurs when molecules change from a gas to a liquid below the boiling point
<u>sublimation</u> – occurs when a substance changes from a solid directly to a gas

Use the graph below to answer the questions 1 - 15.

Note the two flat plateaus on the graph. Temperature does not change until the substance has completely changed state. The energy added is used to break the attractions between the molecules.

1. What is the melting point (temperature) of ice? _____
2. What is the freezing point (temperature) of ice? _____
3. What is the boiling point (temperature) of water? _____
4. What letter on the graph corresponds to only liquid water? _____
5. What letter on the graph corresponds to only steam? _____
6. What letter on the graph corresponds to only ice? _____
7. What letter on the graph corresponds to both liquid water and steam? _____
8. What letter on the graph corresponds to both ice and liquid water? _____
9. Is molecular motion greater in region A or region E? _____
10. Do the particles in region B or in region D have more kinetic energy? _____
11. Liquid water exists between _____ degrees and _____ degrees Celsius.
12. Is a hotter temperature represented by letter D or letter E? _____
13. Which two letters correspond to phase changes? _____ _____

Spanish- 1. Ten sentences each with -ar, -er, -ir verb

　　1. Reading and memorizing two Spanish poems　　3. Chart on Spanish singers

French-　Décrivez vos vacances (80-100mots)

Sanskrit-Learn and write first ten shlok of "Bhagavad Gita"

　　　and research aboutpoets of Sanskrit literature.