



# ST. MICHAEL'S SCHOOL

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(An English Medium Co-Educational School - Affiliated to C.B.S.E, Bharat)

## SUMMER VACATIONS ASSIGNMENT

### Summer Vacations Assignment (2019 - 2020)

**CLASS - VIII**

Dear Parents,

Holidays are time when you can connect with your child in many ways. As you are your child's first and most important teacher, you can encourage your child's love for learning by participating in educational activities at home. Working together on the activities will help your child build confidence, learn to reason and develop skills necessary for his / her education. Holidays are the best time to nurture a child's talent and to learn something fruitful.

1. Take your child for a morning walk, talk about things you see around.
2. Play indoor games with your child like ludo, carom, scrabble etc. Feed grains to the birds.
3. Let your child help around the house doing small jobs like dusting, cleaning the table, filling water bottles, watering the plants, etc.
4. Spend as much time as possible with your child during holidays. To spend some quality time with your child, take them out for a movie and have fun together.
5. Please make sure that your child completes his/her holiday assignment.
6. Make your child do yoga everyday at home during summer vacations.
7. Kindly make your child write H.A. and date at the top of all the pages of copies and books given for holiday assignment.
8. Kindly make your child learn the home address and mobile numbers of his / her parents.
9. Motivate your child to get up early and go to bed early and to say morning and bed time prayers.
10. Kindly encourage your child to speak in English.
11. Please ensure that your child doesn't do extra work / rough work in C.W. copies.
12. Encourage your child to speak magic words like Thank you, Please, Excuse me, Sorry etc.



Assignments for all the subjects have been given to your ward. You should encourage your child to do the assignments on a daily basis and avoid procrastinating things so that the assignments don't get piled up for the last minute. **For Holiday Assignment, child will get grades in the report card.**

Finally it is requested to kindly monitor and review the progress of your child regarding their summer assignments on a daily basis & keep him/her motivated so that the assigned task is completed well in time in a regular and smooth manner.

1. Summer vacation will begin from **11<sup>th</sup> May, 2019 (Saturday)**.
2. School will re-open after summer vacation on **12<sup>th</sup> June, 2019 (Wednesday)**.
3. Teachers will be available to meet the parents in the school till **16<sup>th</sup> May, 2019 (Thursday)** between **8:00 a.m. to 9:00 a.m.**
4. School office will remain open till **24<sup>th</sup> May, 2019 (Friday)**.  
[ Time : Monday to Saturday: 09:00 a.m. to 12:30 p.m.]
5. School office will remain closed from **25<sup>th</sup> May, 2019 (Saturday) to 5<sup>th</sup> June, 2019 (Wednesday)**
6. School office will resume its work after summer vacation from **6<sup>th</sup> June, 2019 (Thursday)** and timing will be from **09:00 a.m. to 12:30 p.m.**

☺ Happy Holidays ..... Have a cool summer ahead and take good care of yourself and your family. ☺

## English

1. Write a diary entry everyday. It should include activities performed by you during summer break. Focus on the special activities.
2. Know yourself. Make a format as given below and fill the information about you.

Your Three Qualities	Three Favourite Books	
Your Ideal	Picture	Hobby
Aim in Life	Three Favourite Subjects	

3. You have gone to visit your friend and you are pained to see the condition of road. Write a report for a newspaper on the same showing your concern for the public property.
4. Write a paragraph in about 100 -120 words on the following topics:
  - a. If I were the head of the institution.....
  - b. If I were the Mayor of the city
  - c. If I were an eraser
5. Write a paragraph on 'The Necessity of Internet' in about 100 -120 words.
6. Use the cues given below to describe the little Cormorant (A bird).  
Family of sea bird – Tropical South East Asia – as big as a crow – black –short bill – long tail – small white patch on the throat – usually seen near river or lake- on rock – eats fish – can dive deep under water – chases fish and catches them under water - makes nest in trees or long grass – three to five eggs.
7. Read any book of your choice. The suggested books are: Harry Potter and The Order of the Phoenix; Pinocchio; Emil and the Detectives. Write the book review of any of these books in about 180- 200 words. Also mention what did you like the most and why?

## Mathematics

1. Find out the population of the states in India. Present it through a bar graph.
2. Write the squares and square root of 2- 40.
3. Find and collect various two dimensional and three dimensional shapes from house hold waste (e.g. wires, matchboxes, cylinder, cones, cards, pipes etc.) then use them in making wall hangers, decorative articles, model of houses or buildings, castles etc.
4. Find the surface area and volume of : Pencil Box, Pencil, Cylinder, Ludo dice.
5. Simplify:  $18 - [13 - \{2 - 6 + 5\} - (3 - 12 - 15)]$
6. Insert four rational numbers between 1 and -1
7. What number  $(-3)^4$  must be multiplied by to get product  $(-13)^{-2}$
8. Simplify:
$$\frac{3^{-3} \times 10^{-5} \times 64}{6^{-5} \times 3 \times 125}$$
9. Solve:
$$1^0 + (-1)^0 + (-2)^0$$
10. Express:  $\left(\frac{-3}{4}\right)^3 \times \left(\frac{-3}{4}\right)^{-2} \times \left(\frac{-3}{4}\right)^{-6}$  as positive exponent after simplifying

11. If a and b are two non-zero rational numbers then  
 a)  $a^m \times a^n =$                       b)  $a^m \div a^n =$                       c)  $a^m \times b^m =$                       d)  $(a^m)^n =$                       e)  $a^m \div b^m =$
12. Evaluate:  $\frac{8^{-1} \times 5^3}{9^4}$
13. Simplify:  $\frac{25 \times t^{-4}}{5^{-3} \times 10 \times t^{-8}}$
14. Represent  $\frac{-5}{7}$  and  $\frac{9}{7}$  on same number line.
15. Explain the properties of rational number on addition, subtraction, multiplication and division by drawing a table.
16. A train covers 80 km in 1 hour. How much distance will it cover it in 45 minutes.
17. Divide the sum of  $\frac{-3}{4}$  and  $\frac{19}{3}$  by their product.
18. Express the following in standard form:  
 a) 0.00000813                      b) 0.000091686
19. Express the followings number in usual form:  
 a)  $1.52 \times 10^{-5}$                       b)  $8 \times 10^{-11}$

### Science

1. Research on Periscope. It should include information regarding its invention, uses construction with the help of ray diagram.
2. Prepare a current tester with the help of a magnetic compass, a match box and connecting wires. Write the procedure, principle, uses and your observation.
3. Prepare a molecule of Sulphur ( $S_8$  crown Structure) using clay and match sticks .Draw the diagram of the same and write the procedure.
4. Write biography of any one scientist. It should contain life history, scientific works, awards (if any), research work, any other achievement.
5. Why do you think it is necessary to define a separate quantity called pressure? Why is defining only force not enough?
6. Suppose you are going in a jet plane and one of the windows break due to an accident. What problems do you think you will face.
7. Research project on Bio-degradable plastics.
  - a) Role of scientists in this field.
  - b) Advancement of technology in this field.
  - c) Discovery of plastics that absorbs light, plastics made by bacteria, plastics soluble in water.
8. Find out the locations of the deposits of iron, aluminium, zinc, mica, gold and silver in India. Mark these in an outline map of India. In which form are the deposits found?
7. Do you think monoculture is good for better yield of crops? Justify your answer with suitable reasons.
8. How farmers were irrigating the fields in early times? Explain any two of those traditional methods of irrigation.

### Social Studies

1. Do the research on MIRAGE jet that was recently used during the surgical strike-2 by India. Paste the picture of the same.
2. Explore about Rafale aircraft and Rafale deal with India. Paste the picture of the same.
3. Prepare a booklet on Mughal dynasty.
4. Find out more about Article 370 and 35 A. The debate is going on that this article should be removed. Give your view.
5. Human rights are the rights that a person gets as soon as he takes birth. Explore more about the human rights.
6. Make a list of various political parties contesting election this year. Draw their symbol and the year of formation.

7. The first war for independence for India was fought in the year 1857. Mention a few leaders who were active in this movement. Which freedom fighter you liked the most and why? It was a failure. If you are given a chance to change the history what would you do to make the movement successful.
8. Mention any ten works done by the government in the country. Is there any area that government should take as priority and focus more on this area. Give your view in about 100 words.

### Hindi

1. परियोजना कार्य: भारत रत्न डॉ० ए० पी० जे० अब्दुल कलाम का जीवन परिचय एवं कार्यो का सचित्र वर्णन करें।
2. परियोजना कार्य: सूरदास का चित्र बनाइए या चिपकाइए उनके जीवन-परिचय तथा रचनाओं का उल्लेख कीजिए।
3. गर्मी की छुट्टियों में परिवार सहित किसी पसंदीदा स्थान पर घूमने गए वहाँ के लोगों के रहन-सहन, खान-पान एवं वातावरण का वर्णन करते हुए संस्मरण लिखें।
4. यात्रा के दौरान ट्रेन/बस में छूटे हुए सामान का पता लगाने के लिए स्थानीय परिवहन निगम को पत्र लिखें।  
(औपचारिक पत्र)
5. अपने छोटे भाई को पत्र लिखें जिसमें प्रातः कालीन सैर के लाभों का वर्णन किया गया हो।
6. ग्रीष्म ऋतु में पाए जाने वाले फलों के नाम लिखकर उनके गुणों एवं विशेषताओं का सचित्र वर्णन करें।
7. अनेकार्थी शब्द, अनेक शब्दों के लिए एक शब्द एवं विलोम शब्द को याद करें।

### Sanskrit

1. पृ० सं० – 123 प्र० सं० – 2 का चित्र वर्णन पुस्तक में करें।
2. पत्र लेखन – पृ० सं० – 129 प्र० सं० – 2 पुस्तक में करें।
3. गद्यांश – पृ० सं० – 136 प्र० सं० – 4 कक्षा कार्य कॉपी में लिखें।
4. धातु रूप – लट् लकार, लृट् लकार, लङ् लकार, लोट् लकार, विधिलिङ्ग  
(पृ० सं० – 27, 28 पद् धातु रूप के पाँच लकारों को कक्षा कार्य कॉपी में लिखें।)

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