



OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VI

MAY (ACTIVITY – 1)

SUBJECT	ACTIVITY																														
<p style="text-align: center;">ENGLISH</p>	<p>Use the given adjectives to make the description of the witch’s castle more interesting:- <i>old, twisty, cold, rocky, wicked, red, cracked, tall</i></p> <p>a) The (i) _____ castle was on the home of the (ii) _____ witch who roamed around on a (iii) _____ broom. The castle stood on top of a (iv) _____ hill. Its (v) _____ towers rose high above its (vi) _____ walls. A (vii) _____ path led up to its (viii) _____ gate.</p> <p>b) Write down the comparative superlative forms of these adjectives:-</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding-right: 20px;">Positive</th> <th style="text-align: center; padding-right: 20px;">Comparative</th> <th style="text-align: center;">Superlative</th> </tr> </thead> <tbody> <tr> <td>Old</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>High</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>Tall</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>Cold</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>Wicked</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Positive	Comparative	Superlative	Old	_____	_____	High	_____	_____	Tall	_____	_____	Cold	_____	_____	Wicked	_____	_____										
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<p style="text-align: center;">HINDI</p>	<p>प्रश्न - कोविड-१९ के तहत देशभर में लौकडाउन के प्रभाव से वातावरण की शुद्धता में आये हुए बदलाव को व्याख्या करें (यह कार्य बच्चों द्वारा अपने असाइनमेंट पेपर में पूरा किया जाएगा)</p>																														
<p style="text-align: center;">SCIENCE</p>	<p>Make sprouts at home using gram (or moong).</p>																														
<p style="text-align: center;">SOCIAL SCIENCE</p>	<p>HISTORY</p>	<p>CH – 1 What, Where, How and When?</p>	<p>a. Prepare a chart showing different types of sources like archeological and literacy with 1-2 examples from each.</p> <p>b. Write the meaning of the terms like manuscript, inscription, source, historian and archaeologist.</p>																												
<p style="text-align: center;">MATHEMATICS</p>	<p>Solve the Magic square :</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;">7</td> <td style="width: 20px; height: 20px;">6</td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="width: 20px; height: 20px;">9</td> <td style="width: 20px; height: 20px;">5</td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="width: 20px; height: 20px;">4</td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;">8</td> <td style="width: 20px; height: 20px;"></td> </tr> </tbody> </table> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;">11</td> <td style="width: 20px; height: 20px;">14</td> <td style="width: 20px; height: 20px;">1</td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;">7</td> <td style="width: 20px; height: 20px;">12</td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;">16</td> <td style="width: 20px; height: 20px;">9</td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="width: 20px; height: 20px;">10</td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;">15</td> </tr> </tbody> </table>				7	6		9	5			4		8			11	14	1			7	12		16	9		10			15
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OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VII

MAY (ACTIVITY – 1)

SUBJECT	ACTIVITY
ENGLISH	<p>Read the following story:-</p> <p>There was a time in the past when animals did not have tails. Still they were comfortable. But, a few years later, the flies too came into the jungle. They started making the animals uncomfortable. They used to sit here and there on the animals causing them discomfort. The animals decided to go and meet the king of the jungle, the lion. The lion listened to them and then approached God. God, then decided to give animals a tail to help them. God sent a messenger with a heap of tails and told the lion to distribute among animals. The lion made the announcement asking all animals to come that afternoon and choose a tail for themselves. All animals came excitedly to choose their tails. The monkey chose a long tail, so that it could hang him from the branches. The fox chose a big hairy tail to enable it to move faster. The rabbit chose a furry tail to match its body. One by one, all animals chose their tails. All this while hippopotamus kept sleeping. The chit-chat of animals woke him. He asked them, "Where are you coming from?" "Well" said the fox. "Don't you remember, lion had called us today? Why did you not come?" "Oh!" said hippo, "I forgot. I will go little later." The rabbit told that it had a doubt whether there was any tail left or not. The hippo immediately ran to lion's den. Reaching there he found only one small, thin tail. He was not happy with that, but the lion said that he had no other option. That was the only tail left. Hippo came back with that tail. His tail was too small to chase away flies. He rushed back to the water to save himself. From that day, hippo spends most of his time in water.</p> <p>1. Change the story into a play with the following characters: Elephant, lion, fox, rabbit, hippopotamus, monkey, God and messenger.</p>
HINDI	चित्र बनाकर 'मनभावन सावन' कविता को सुन्दर लिखावट में लिखें और सजाएँ
SCIENCE	PHYSICS: Describe an activity to show water is heated by convection currents.

**SOCIAL
SCIENCE**

HISTORY:

Chapter-1

(TRACING CHANGES THROUGH A THOUSAND YEARS)

Explain the various Literary and Archaeological Sources for the study of Medieval History.

MATHEMATICS

1. Use number line to add the following integers:

(i) $(-8) + 9$

(ii) $6 + (-3) + (-4)$

(iii) $(-7) + 5 + 4$

2. Solve the following puzzle given below:-



Puzzle time

Four lines

Now this really does need some imaginative thinking - but it is possible!!



Can you join all nine dots with four straight lines, without taking your pencil off the paper? You can not go over any line twice.





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VIII

MAY (ACTIVITY – 1)

SUBJECT	ACTIVITY
ENGLISH	<p>Construct an interesting story from the following outline. Do not omit any point and keep to the order in which the points are given in the outline. Be careful and use your imagination to make it interesting. Provide a suitable title to the story.</p> <p>Tiger kills an Indian lady travelling through the jungle----- as he eats her body, he notices her gold bangle----- keeps it as he thinks it may be useful----- later he hides himself by a pool---- a traveller comes to pool, dusty and tired----- strips and baths in cool water----- sees the tiger in bushes watching him---- terrified----- tiger greets him with a mild voice----- says he is pious and spends time in prayer ---- as a sign of goodwill, offers the traveller the gold bangle----- traveller's greed overcomes his fear ----- crossed pool to take bangle --- tiger springs on him and kills him.</p>
HINDI	<p>प्राकृतिक दृश्य प्रस्तुत करते हुए 'मेरा प्रकृति प्रेम' कविता लिखें एवं बताएँ कि वर्तमान समय में प्रकृति को संरक्षण देना क्यों आवश्यक हो गया है ?</p>
SCIENCE	<p>PHYSICS: Describe an activity to show the pressure increases with the depth of the liquid.</p>
SOCIAL SCIENCE	<p>HISTORY Chapter – 1 How, When And Where? In context to the 'Importance of Dates', prepare a FAMILY TREE by collecting information from your parents about a few important dates of your family members. The following points need to be covered:</p> <ol style="list-style-type: none">When were your parents born? When do they celebrate their marriage anniversary? When were you born? etc. (Any other relevant important dates).Significance of these dates.Any historical event occurred in any of those dates.
MATHEMATICS	<ol style="list-style-type: none">What are rational numbers? Give examples of five positive and five negative rational numbers. Is there any rational number which is neither positive nor negative?Which of the following are positive rational numbers? (i) $\frac{3}{-5}$ (ii) $\frac{-11}{15}$ (iii) $\frac{-3}{-5}$ (iv) $\frac{37}{53}$Represent $\frac{2}{3} + \frac{1}{5}$ on a number line.Write the closure, commutative and associative property of rational number under addition and subtraction.





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – IX

MAY (ACTIVITY – 1)

SUBJECT	ACTIVITY
ENGLISH	<p>Read the passage given below:</p> <p>The Faith of A Sparrow</p> <p>The battlefield of Kurukshetra was being prepared to facilitate the movement of mammoth armies with large cavalries. They used elephants to uproot trees and clear the ground. On one such tree lived a sparrow, a mother of four young ones. As tree was being knocked down, her nest landed on the ground along with her offspring -too young to fly- miraculously unharmed.</p> <p>The vulnerable and frightened sparrow looked around for help. Just then she saw Krishna scanning the field with Arjuna. They were there to physically examine the battleground and devise a winning strategy before the onset of the war.</p> <p>She flapped her tiny wings with all her might to reach Krishna's chariot.</p> <p>“Please save my children Krishna, “the sparrow pleaded. They will be crushed tomorrow when this battle starts.</p> <p>“I hear you,” said He, the omniscient one, but I can't interfere with the law of nature.”</p> <p>“All I know is that you are my saviour, O Lord. I rest my children's fate in your hands. You can kill them or you can save them, it's up to you now”</p> <p>“The wheel of Time moves indiscriminately,” Krishna spoke like an ordinary man implying that there wasn't anything he could do about it.</p> <p>“I don't know your philosophy,” the sparrow said with faith and reverence. “You are the wheel of time. That's all I know. I surrender to thee.”</p> <p>“Stock food for three weeks in your nest then.”</p> <p>Unaware of the ongoing conversation, Arjuna was trying to shoo away the sparrow when Krishna smiled at the bird. She fluttered her wings a few minutes in obeisance and flew back to her nest.</p> <p>Two days later, just before the boom of conchs announced the commencement of the battle, Krishna asked Arjuna for his bow and arrow. Arjuna was startled because Krishna vowed to not lift any weapon in the war. Besides, Arjuna believed that he was the best archer out there.</p> <p>“Order me, Lord,” he said with conviction, nothing impenetrable for my arrows.”</p> <p>Quietly taking the bow from Arjuna, Krishna took aim at an elephant. But, instead of bringing the animal down, the arrow hit the bell around its neck and sparks flew.</p> <p>Arjuna couldn't contain his chuckle seeing that Krishna missed an easy mark.</p>

“Should I?” He offered.

Again, ignoring his reaction, Krishna gave him back the bow and said that no further action was necessary.

“But why did you shoot the elephant Keshav? Arjun asked.

“Because this elephant that had knocked down the tree sheltering that sparrow's nest.”

“Which sparrow?” Arjun exclaimed. “Plus, the elephant is unhurt and alive. Only the bell is gone!”

Dismissing Arjuna's questions, Krishna instructed him to blow his conch.

The war began, numerous lives were lost over the next eighteen days. The Pandavas won in the end. Once again, Krishna took Arjuna with him to navigate through the ruddy field. Many corpses still lay there awaiting their funeral. The battleground was littered with severed limbs and heads, lifeless steeds and elephants.

Krishna stopped at a certain spot and looked down thoughtfully at the elephant-bell.

“Arjuna,” he said, “will you lift this bell for me and put it aside?”

The instruction, though simple, made little sense to Arjuna. After all, in the vast field where plenty of other things needed clearing, why would Krishna ask him to move an insignificant piece of metal out of the way? He looked at him questioningly.

“Yes, this bell,” Krishna reiterated. “It's the same bell that had come off the elephant's neck I had shot at.”

Arjuna bent down to lift the heavy bell without another question. As soon as he lifted it though, his world changed, for ever.

One, two, three, four and five. Four young birds flew out one after another followed by a sparrow. The mother bird swirled in circle around Krishna, circumambulating him in great joy. The one bell cleaved eighteen days ago had protected the entire family.

“Forgive me O Krishna, said Arjuna, “Seeing you in human body and behaving like ordinary mortals, I had forgotten who you really are.”

Let's stay in the bell till Krishna says its safe to come out 🏠♀️🏠

STAY AT HOME AND BE SAFE

I. Answer the following questions: -

- (i) What was the battlefield of Kurukshetra being prepared for?
- (ii) What was used to uproot trees and clear the ground?
- (iii) What happened on the tree being knocked down?
- (iv) What did the vulnerable and frightened sparrow plead to Krishna?
- (v) What did Krishna reply in return? Give detailed answer.
- (vi) Two days later, just before the commencement of the battle what did Krishna do?
- (vii) Why was Arjuna surprised when Krishna asked him to lift the bell and put it aside?

	<p>(viii) What lesson do you get from this extract?</p> <p>II. Give the meaning of the following words: -</p> <p>(i) Cavalries (ii) Vulnerable (iii) Omniscient (iv) Indiscriminately (v) Obeisance</p> <p>III. Find synonyms of the following words from the above passage: -</p> <p>(i) Enormous (ii) Frame (iii) Beginning (iv) Repeat (v) Walk around</p> <p>IV. Sum up above passage 'The Faith of A Sparrow' in not more than 60 words.</p>
HINDI	<p>प्रेमचंद का साहित्यिक परिचय देते हुए उनकी प्रमुख रचनाओं का उल्लेख कीजिये।</p>
SCIENCE	<p>CHEMISTRY: Collect the following articles – a pen, a book, a needle and a piece of wooden stick. Sketch the shape of the above articles in your notebook by moving a pencil around them.</p> <p>(i) Do all these have a definite shape, distinct boundaries and a fixed volume? (ii) Are these capable of diffusing into each other? (iii) Try compressing them by applying force. Are you able to compress them?</p>
SOCIAL SCIENCE	<p>HISTORY Chapter-1 'The French Revolution' With the help of globe or atlas, locate France on a political map of the World and on political map of France. Note down the following: -</p> <p>(i) Continent in Which France is located (ii) Neighbouring countries of France (iii) French city in which the Palace of Versailles is located (iv) Port of France related to the slave trade (v) Regions in France not affected during 1789 revolution</p>
MATHEMATICS	<p>Construct square root spiral of $\sqrt{2}$, $\sqrt{3}$, $\sqrt{4}$ and $\sqrt{5}$.</p>
SANSKRIT	<p>नैतिक मूल्याधारित लघुकथां लिखित्वा कथायाः संदेशं च अपि लिखत ।</p>





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – X

MAY (ACTIVITY – 1)

SUBJECT	ACTIVITY
ENGLISH	Give two examples of each of the following figure of speech from the poems prescribed in your textbooks. (a) Simile (b) Metaphor (c) Alliteration (d) Onomatopoeia (e) Repetition
HINDI	'उत्साह' कविता को ध्यान में रखते हुए भारतीय किसान की भारत में विकास हेतु निभाए जाने वाले महत्त्वपूर्ण योगदान को सुनिश्चित करते हुए उनकी दिनचर्या, कार्यप्रणाली, अथक परिश्रम को एक चार्ट पेपर में अपने दैनिक जीवन में प्रयोग की जाने वाली घरेलू सामग्रियों की मदद से एक सुंदर एवं आकर्षक परियोजना कार्य संपन्न करें ।
SCIENCE	CHEMISTRY: - Identify and note at least ten chemical reactions taking place in your home/kitchen and give reasons for the same. You can write the type and properties of them.
SOCIAL SCIENCE	POLITICAL SCIENCE Chapter –1 “POWER SHARING” Prepare a flow chart on different organs of the Government with their functions. (Legislature, Executive and Judiciary)
MATHEMATICS	1. Classify the following numbers as rational or irrational: (a) 0.375 (b) 23.3408 (c) 0.120120012000..... (d) $43.\overline{123456789}$ (e) 5.636363..... (f) 1.535335333..... (g) 3.121221222..... (h) $0.\overline{16}$ (i) π (j) 0.15015001500.... (k) $\frac{22}{7}$

	<ol style="list-style-type: none">2. Distinguish between rational numbers and irrational numbers.3. The length, breadth and height of a room are 8m 25cm, 6m 75cm and 4m 50cm respectively. Find the longest rod that can measure the three dimensions of the room exactly.4. Three measuring rods are 64cm, 80cm and 96cm in length. Find the least length of the cloth that can be measured an exact number of, using any of the rods.5. Find the least number that can be divisible by all the numbers from 1 to 10 (both inclusive).6. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10, 12 minutes respectively. In 30 hours, how many times do they toll together?
SANSKRIT	आचार्य छात्राणां मध्ये संस्कृत सम्भाषणं दश(१०) वाक्येषु लिखत ।





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VI

JUNE (ACTIVITY – 2)

SUBJECT	ACTIVITY		
ENGLISH	<p>Complete the story of a talkative turtle with the help of given hints:-</p> <p>Lake — a turtle and a pair of swans — turtle loved to talk and chatter — rains did not come — dry lake. — swans flew in search of a perfect lake. — new lake was too far for the turtle to walk — turtle came up with a plan. — swans to find a strong stick — hold in their beaks. Turtle would then hang on with her mouth — swans could fly with her to the new lake — swans warned — not to open mouth — ‘Of course’, said the turtle. ‘I will be careful — turtle amazed — kept quiet with difficulty — reached beautiful lake — ‘Oh look!’ the turtle began in — fell from the sky onto the rocks below — dead — swans sad.</p>		
HINDI	<p>बालकवि बैरागी जी का जीवन परिचय देते हुए प्रस्तुत कविता (मेरे देश के लाल) की दस पंक्तियाँ सुन्दर सुन्दर अक्षरों में लिखे तथा इस कविता से आपको क्या शिक्षा मिलती है ? इस कार्य को अपने असाइनमेंट पेपर में पूरा करें ।</p>		
SCIENCE	<p>Test the presence of fat in groundnut (or coconut or cheese).</p>		
SOCIAL SCIENCE	GEOGRAPHY	<p>CH – 1 The Earth in the Solar System</p>	c. Draw a colourful diagram on a plain sheet to show planets in the Solar System.
		<p>CH – 2 Globe – Latitudes & Longitudes</p>	d. Explain about three Heat Zones of the Earth with the help of a diagram.
MATHEMATICS	<p>Draw the Sieve of Eratosthenes to represent Prime numbers.</p>		





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VII

JUNE (ACTIVITY – 2)

SUBJECT	ACTIVITY
ENGLISH	<p>Make three words of minimum three letters, from each group of letters given below:-</p> <p>ASGEMP, ROMNAI, TSPHOI, GSRWOL, LOGNES</p>
HINDI	<p>'मनभावन सावन' कविता का केंद्रीय भाव को अपने शब्दों में लिखें ।</p>
SCIENCE	<p>CHEMISTRY: Collect and paste different type of fabrics and write some of their properties.</p>
SOCIAL SCIENCE	<p>CIVICS</p> <p>Chapter – 8</p> <p>MARKETS AROUND US</p> <p>Discuss with your parents about different kinds of markets such as Local and Shopping Complexes in your locality.</p> <p>(i) Differentiate between local markets and shopping complexes.</p> <p>(ii) Explain how goods travel through various market places.</p>
MATHEMATICS	<p>Represent the following fractions:-</p> <ol style="list-style-type: none">$\frac{3}{6}$ of a circle$\frac{5}{9}$ of a triangle$\frac{7}{16}$ of a square





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VIII

JUNE (ACTIVITY – 2)

SUBJECT	ACTIVITY
ENGLISH	Write an article on ‘Covid – 19 : A once – in - a Century Pandemic’ in about 150 – 200 words.
HINDI	कोविड-१९ (कोरोना वायरस) से बचने के लिए (उपलब्ध रेडियो, टी. वी. एवं इंटरनेट की सहायता लेते हुए) एक आकर्षक सचित्र विज्ञापन तैयार कीजिये।
SCIENCE	BIOLOGY: Draw a flowchart showing the various basic practices of crop production (your project should be supported with self - drawn pictures).
SOCIAL SCIENCE	GEOGRAPHY Chapter – 1 RESOURCES Classify the different types of resources with the help of a flowchart. Give five examples of each resource.
MATHEMATICS	5. Round off each of the following up to two decimal places (a) 12. 365 (b) 326. 008 6. State the property used in $\left(\frac{a}{b} + \frac{c}{d}\right) + \frac{e}{f} = \frac{a}{b} + \left(\frac{c}{d} + \frac{e}{f}\right)$. 7. What is the additive inverse of $\frac{-16}{-5}$? 8. Insert 10 rational numbers between $\frac{1}{3}$ and $\frac{1}{2}$. 9. Evaluate using suitable rearrangement $\frac{3}{5} + \frac{7}{3} + \frac{-11}{5} + \frac{-2}{3}$.





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – IX

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ENGLISH	<p>Read the passage given below:</p> <p>The Faith of A Sparrow</p> <p>The battlefield of Kurukshetra was being prepared to facilitate the movement of mammoth armies with large cavalries. They used elephants to uproot trees and clear the ground. On one such tree lived a sparrow, a mother of four young ones. As tree was being knocked down, her nest landed on the ground along with her offspring -too young to fly- miraculously unharmed.</p> <p>The vulnerable and frightened sparrow looked around for help. Just then she saw Krishna scanning the field with Arjuna. They were there to physically examine the battleground and devise a winning strategy before the onset of the war.</p> <p>She flapped her tiny wings with all her might to reach Krishna's chariot.</p> <p>“Please save my children Krishna, “the sparrow pleaded. They will be crushed tomorrow when this battle starts.</p> <p>“I hear you,” said He, the omniscient one, but I can't interfere with the law of nature.”</p> <p>“All I know is that you are my saviour, O Lord. I rest my children's fate in your hands. You can kill them or you can save them, it's up to you now”</p> <p>“The wheel of Time moves indiscriminately,” Krishna spoke like an ordinary man implying that there wasn't anything he could do about it.</p> <p>“I don't know your philosophy,” the sparrow said with faith and reverence. “You are the wheel of time. That's all I know. I surrender to thee.”</p> <p>“Stock food for three weeks in your nest then.”</p> <p>Unaware of the ongoing conversation, Arjuna was trying to shoo away the sparrow when Krishna smiled at the bird. She fluttered her wings a few minutes in obeisance and flew back to her nest.</p> <p>Two days later, just before the boom of conchs announced the commencement of the battle, Krishna asked Arjuna for his bow and arrow. Arjuna was startled because Krishna vowed to not lift any weapon in the war. Besides, Arjuna believed that he was the best archer out there.</p> <p>“Order me, Lord,” he said with conviction, nothing impenetrable for my arrows.”</p> <p>Quietly taking the bow from Arjuna, Krishna took aim at an elephant. But, instead of bringing the animal down, the arrow hit the bell around its neck and sparks flew.</p> <p>Arjuna couldn't contain his chuckle seeing that Krishna missed an easy mark.</p>

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The war began, numerous lives were lost over the next eighteen days. The Pandavas won in the end. Once again, Krishna took Arjuna with him to navigate through the ruddy field. Many corpses still lay there awaiting their funeral. The battleground was littered with severed limbs and heads, lifeless steeds and elephants.

Krishna stopped at a certain spot and looked down thoughtfully at the elephant-bell.

“Arjuna,” he said, “will you lift this bell for me and put it aside?”

The instruction, though simple, made little sense to Arjuna. After all, in the vast field where plenty of other things needed clearing, why would Krishna ask him to move an insignificant piece of metal out of the way? He looked at him questioningly.

“Yes, this bell,” Krishna reiterated. “It's the same bell that had come off the elephant's neck I had shot at.”

Arjuna bent down to lift the heavy bell without another question. As soon as he lifted it though, his world changed, for ever.

One, two, three, four and five. Four young birds flew out one after another followed by a sparrow. The mother bird swirled in circle around Krishna, circumambulating him in great joy. The one bell cleaved eighteen days ago had protected the entire family.

“Forgive me O Krishna, said Arjuna, “Seeing you in human body and behaving like ordinary mortals, I had forgotten who you really are.”

Let's stay in the bell till Krishna says its safe to come out 🏠♀️🏠

STAY AT HOME AND BE SAFE

V. Answer the following questions: -

- (ix) What was the battlefield of Kurukshetra being prepared for?
- (x) What was used to uproot trees and clear the ground?
- (xi) What happened on the tree being knocked down?
- (xii) What did the vulnerable and frightened sparrow plead to Krishna?
- (xiii) What did Krishna reply in return? Give detailed answer.
- (xiv) Two days later, just before the commencement of the battle what did Krishna do?
- (xv) Why was Arjuna surprised when Krishna asked him to lift the bell and put it aside?

	<p>(xvi) What lesson do you get from this extract?</p> <p>VI. Give the meaning of the following words: -</p> <p>(vi) Cavalries (vii) Vulnerable (viii) Omniscient (ix) Indiscriminately (x) Obeisance</p> <p>VII. Find synonyms of the following words from the above passage: -</p> <p>(vi) Enormous (vii) Frame (viii) Beginning (ix) Repeat (x) Walk around</p> <p>III. Sum up above passage 'The Faith of A Sparrow' in not more than 60 words.</p>
HINDI	<p>प्रेमचंद का साहित्यिक परिचय देते हुए उनकी प्रमुख रचनाओं का उल्लेख कीजिये।</p>
SCIENCE	<p>CHEMISTRY:</p> <p>Collect the following articles – a pen, a book, a needle and a piece of wooden stick. Sketch the shape of the above articles in your notebook by moving a pencil around them.</p> <p>(iv) Do all these have a definite shape, distinct boundaries and a fixed volume? (v) Are these capable of diffusing into each other? (vi) Try compressing them by applying force. Are you able to compress them?</p>
SOCIAL SCIENCE	<p>HISTORY</p> <p>Chapter-1 'The French Revolution'</p> <p>With the help of globe or atlas, locate France on a political map of the World and on political map of France. Note down the following: -</p> <p>(vi) Continent in Which France is located (vii) Neighbouring countries of France (viii) French city in which the Palace of Versailles is located (ix) Port of France related to the slave trade (x) Regions in France not affected during 1789 revolution</p>
MATHEMATICS	<p>Construct square root spiral of $\sqrt{2}$, $\sqrt{3}$, $\sqrt{4}$ and $\sqrt{5}$.</p>
SANSKRIT	<p>नैतिक मूल्याधारित लघुकथां लिखित्वा कथायाः संदेशं च अपि लिखत ।</p>





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – X

JUNE (ACTIVITY – 2)

SUBJECT	ACTIVITY
ENGLISH	In the story 'First Flight' we have seen how the young seagull gathered the courage to take the first flight. Based on your reading of the text, write a short composition or a poem on your initial attempt at learning a skill. You could describe the challenges of learning to ride a bicycle or learning to swim. Make it as humorous as possible.
HINDI	' कोविड - 19 ' के अन्तर्गत लगाए गए लॉकडाउन की वजह से पृथ्वी की प्राकृतिक सौंदर्य में जो वृद्धि हुई है, इसकी एक सुंदर झांकी असाइनमेंट पेपर की सहायता से एक फाइल के रूप में तैयार करें । (इस कार्य के दौरान 'अट नहीं रही है' कविता को ध्यान में रखा जाय) उदाहरण - एक या दो पन्ने में नदियों में आए परिवर्तन, एक या दो पन्ने में वायुमंडल में आए परिवर्तन इसी प्रकार कम - से - कम प्रकृति में आए चार परिवर्तनों को दिखाया जाय।
SCIENCE	PHYSICS Take a large shining spoon and try to view your face on concave and convex surfaces of the spoon. Observe the size of the image on the surfaces of the spoon by moving the spoon away from your face. Now write and compare the characteristics of the image which is obtained on the two surfaces of the spoon.
SOCIAL SCIENCE	ECONOMICS Understanding Economic Development Project on the Socio Economic Impact of the Pandemic COVID-19 Prepare a project on the socio economic issues that can arise due to the pandemic COVID19 locally and globally. The project should cover the following: (i) How will the disaster effect the economic growth and development of various countries? (ii) What are the factors that have led to the spread of this pandemic which is said to have originated in Wuhan, China to all over the world? (iii) Who are the most vulnerable sections of the society during disasters? (iv) Which are the sectors that will be affected more by the disaster? Classify it into primary, secondary and tertiary sectors. (v) What steps has the government undertaken in response to the disaster?

	(vi) When disaster strikes what can we do?
MATHEMATICS	<ol style="list-style-type: none"> 1. Show that any positive odd integer is of the form $(4m+1)$ or $(4m+3)$ for some integer m. 2. Using Euclid's division lemma, show that the square of any positive integer is either of the form $3m$ or $(3m+ 1)$ for some integer m. 3. Using Euclid's division lemma, show that the cube of any positive integer is of the form $9m$ or $(9m+ 1)$ or $(9m+8)$ for some integer m. 4. Show that one and only one out of n, $(n+1)$ and $(n+2)$ is divisible by 3, where n is any positive integer. 5. Show that one and only one out of n, $(n+2)$ and $(n+4)$ is divisible by 3, where n is any positive integer. 6. Show that any number of the form 6^n, where $n \in \mathbb{N}$ can never end with digit 0.
SANSKRIT	अवकाशार्थं प्राचार्यं प्रति औपचारिकं पत्रं लिखत ।





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VI

JULY (ACTIVITY – 3)

SUBJECT	ACTIVITY			
ENGLISH	<p>Make a list of all the underlined words from the passage and find their meanings and antonyms:-</p> <p>Honey possesses unique life- <u>supporting</u> qualities which is not found in other sugars and <u>delivers</u> much more than what many medical doctors could <u>comprehend</u>. Don't be too quick to <u>dismiss</u> honey as just another sugar. Honey isn't just sugar. It is something more than that. The <u>benefits</u> of honey don't just stop at <u>satisfying</u> the palate; honey also offers <u>incredible</u> antiseptics, <u>antioxidants</u> and cleansing properties for our body and health, <u>valuable</u> beauty and skin care tips for women, and amazing healing properties. It's a head-to-toe home remedy, from eye <u>infection</u> to athlete foot. Its powerful healing attributes have long been used thousands of years ago and known to promote healing for cuts, cure ailments and diseases, and correct health disorders for generations after generations.</p>			
HINDI	मानव द्वारा प्लास्टिक के उपयोग करने से प्रकृति किस प्रकार प्रभावित हो रही है तथा इसके निदान हेतु हमें क्या क्या कदम उठाने चाहिए ?			
SCIENCE	Prepare a chart containing items present in a balanced diet.			
SOCIAL SCIENCE	<table border="1"><tr><td>POLITICAL SCIENCE</td><td>Diversity and Discrimination</td><td>Make a poster on different occupations taken by men and women from different Socio-economic background.</td></tr></table>	POLITICAL SCIENCE	Diversity and Discrimination	Make a poster on different occupations taken by men and women from different Socio-economic background.
POLITICAL SCIENCE	Diversity and Discrimination	Make a poster on different occupations taken by men and women from different Socio-economic background.		
MATHEMATICS	<p>Represent the following numbers on Abacus:-</p> <p>(i) 34,25,819</p> <p>(ii) 49,637,582</p>			





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VII

JULY (ACTIVITY – 3)

SUBJECT	ACTIVITY																																										
ENGLISH	<p>“Come on sleepy head it’s time to wake up.” These are the words I wake up to every single day before school. And now I can hear those words again. “Come on sleepy head! Good morning! Don’t you remember what today is?” I slowly wake up to find my mother sitting by my bed. At first I want to protest. “Oh no! The holidays have begun. Why are you waking me up so early?” Then I remember. Suddenly I am wide awake! Today we are catching an early morning train to Puri.</p> <p>Now, find out these sentences from the passage:</p> <p>(a) Declarative (c) Interrogative (b) Exclamatory (d) Imperative</p>																																										
HINDI	कवि सुमित्रानंदन पंत के जीवन पर साहित्य परिचय लिखें ।																																										
SCIENCE	<p>BIOLOGY Collect data from your friends (mark A), relatives (mark B), neighbours (mark C) and classmates (mark D) to know more about milk teeth and permanent teeth. Tabulate your data. One way of doing it is given below:-</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Name of the person</th> <th>Your relation with a person (A,B,C or D)</th> <th>Age at which first tooth fell</th> <th>Age at which last tooth fell</th> <th>Number of teeth lost</th> <th>Number of teeth replaced (Use None for the figure zero)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Find out from at least 5 persons. (*Note: Out of 5, there should be at least 2 classmates) and find the average age at which these 5 persons lose their milk teeth. You may take the help of your friends.</p>	S.No.	Name of the person	Your relation with a person (A,B,C or D)	Age at which first tooth fell	Age at which last tooth fell	Number of teeth lost	Number of teeth replaced (Use None for the figure zero)	1.							2.							3.							4.							5.						
S.No.	Name of the person	Your relation with a person (A,B,C or D)	Age at which first tooth fell	Age at which last tooth fell	Number of teeth lost	Number of teeth replaced (Use None for the figure zero)																																					
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4.																																											
5.																																											
SOCIAL SCIENCE	<p>GEOGRAPHY Chapter – 1 Environment On a chart paper or drawing sheet, make a diagram of your natural surrounding and write the main components of environment.</p>																																										
MATHEMATICS	<p>Represent the following decimals on a grid of 10 × 10.</p> <p>(i) 0.34 (ii) 0.65</p>																																										





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CLASS – VIII

JULY (ACTIVITY – 3)

SUBJECT	ACTIVITY
ENGLISH	Write any top five news headlines every day from television or newspaper for a week.
HINDI	उखड़े खम्भे एकांकी के आधार पर लिखिए कि भ्रष्टाचार के कारण समाज को क्या क्या हानियां उठानी पड़ती है ?
SCIENCE	PHYSICS: Describe an activity to show the existence of atmospheric pressure.
SOCIAL SCIENCE	CIVICS Chapter – 9 Public Facilities Make poster on different Public Facilities provided by the government in your locality.
MATHEMATICS	10. What is the reciprocal of x^{-1} ? 11. Name the property illustrated by : $\frac{a}{b} \times \left(\frac{c}{d} + \frac{e}{f} \right) = \left(\frac{a}{b} \times \frac{c}{d} \right) + \left(\frac{a}{b} \times \frac{e}{f} \right)$ 12. Simplify using suitable property: $\left(\frac{-15}{4} \times \frac{3}{7} \right) + \left(\frac{-15}{4} \times \frac{-12}{5} \right)$ 13. The product of two numbers is $\frac{-28}{27}$. If one of them is $\frac{-4}{9}$, find the other. 14. If $\frac{3}{5}$ of a number exceeds its $\frac{2}{7}$ by 44, find the number. 15. Four fifths of a number is greater than three fourths of the number by 4. Find the number.





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – IX

JULY (ACTIVITY – 3)

SUBJECT	ACTIVITY
ENGLISH	Draw an imaginary sketch based on the poem “The Road Not Taken” by Robert Frost. Also, write about the dilemma faced by the poet in choosing between the two roads.
HINDI	टीवी, इंटरनेट, रेडियो आदि की सहायता से <u>कोरोना वायरस</u> संबंधी तथ्यात्मक जानकारी पर परियोजना तैयार कीजिए।
SCIENCE	BIOLOGY Carry out the following osmosis experiment: - Take four peeled potato halves and scoops each one out to make potato cups. One of these potato cups should be made from a boiled potato. Put each potato cup in a trough containing water now. (i) Keep cup A empty (ii) Put one teaspoon salt in cup B (iii) Put one teaspoon salt in cup C (iv) Put one teaspoon sugar in the boiled potato cup D Keep these for four hours. Then observe the four potato cups and answer the following: - (a) Explain why water gathers in the hollowed portion of B and C. (b) Why is potato A necessary for this experiment? (c) Explain why water does not gather in the hollowed out potato of A and D.
SOCIAL SCIENCE	ECONOMICS Chapter – 1 The Story Of Village Palampur Draw pie diagrams related to the distribution of cultivated area and bar diagrams of data related to the production of pulses over the years from 1965 to 2015 and interpret the results.
MATHEMATICS	Represent $\sqrt{4.6}$ on a number line.
SANSKRIT	कमपि गद्यांश लिखित्वा तस्याधारित प्रश्नोत्तराणि च लिखत ।





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – X

JULY (ACTIVITY – 3)

SUBJECT	ACTIVITY
ENGLISH	You have read the story “The Sermon at Benares” which educates us about the preachings of Lord Buddha on death which is inevitable. Can you throw light on any other preachings/ words of wisdom by the great sages or people whom you admire that inspires you? Write about three such great thoughts/quotes by great people which inspires you, fully explaining the thoughts in your own words.
HINDI	बेटी की विदाई किसी भी माता –पिता के लिए अपूर्णीय क्षति होती है , इस बात को ध्यान में रखते हुए एक माता –पिता के द्वारा अपनी बेटी की विदाई के समय उठने वाले करुण व्यथा को चित्र एवं शब्दों के माध्यम से चार्ट पेपर में अनोखी झांकी प्रस्तुत करें ।
SCIENCE	CHEMISTRY Take grape juice, lemon juice, orange juice, soap solution, baking soda solution separately in different containers. You may also take solutions available at your home. Dip one shining iron nail in each of these solutions and keep one nail for comparisons. Record your observations for a week or on the basis of following: (i) Change in physical appearance of the nails. (ii) Change in the appearance of the solutions. (iii) Identify the changes as physical or chemical with reasons. (iv) You can also draw the diagram of this experiment setup.
SOCIAL SCIENCE	GEOGRAPHY Chapter – 1 Resources And Development Show the distribution of soils on the map of India using (pencil colours). Note: Index must be used for identifying the different soils.
MATHEMATICS	7. Prove that $\sqrt{5}$ is irrational. 8. If P is a prime number then prove that \sqrt{p} is irrational. 9. Show that $(2-3\sqrt{5})$ is irrational. 10. Represent $\sqrt{9.3}$ on the number line. 11. Arrange the following in ascending order: $\sqrt[4]{10}, \sqrt[3]{6}, \sqrt{3}$ 12. Arrange the following in descending order: $2^{5/2}, 2, 2^{1/2}, 2^{3/2}$ 13. Simplify : $\sqrt[4]{28} \div \sqrt[3]{7}$ 14. Simplify : $\sqrt[4]{81} - 8\sqrt[3]{216} + 15\sqrt[5]{32} + \sqrt{225}$
SANSKRIT	कमपि लघुकथां लिखित्वा शीर्षकं संदेशं च लिखत ।





OXFORD PUBLIC SCHOOL, RANCHI

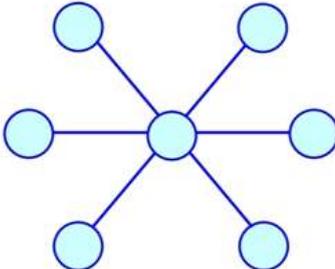
CLASS – VI

AUGUST (ACTIVITY – 4)

SUBJECT	ACTIVITY														
<p style="text-align: center;">ENGLISH</p>	<p>Read the passage and write three nouns of each type mentioned in the columns that follows. Write them under the correct headings:-</p> <p>Stephen Hawking is the most famous scientist of our time. He studied cosmology-the science of how the universe works. Hawking was born in January 1942.</p> <p>He was a bright student, but did not put much effort into his early years in university. Soon after his 21st – birthday he was diagnosed with a disease and told that he had only a few years to live. Hawking had survived more than 50 years with his illness. His work on black holes and the birth of the universe has secured his status as a scientist as great as Einstein and Galileo. This ordinary student overcame huge obstacles and grew up to be the genius he was meant to be.</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center; width: 33%;">Common Noun</td> <td style="text-align: center; width: 33%;">Proper Noun</td> <td style="text-align: center; width: 33%;">Abstract Noun</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table>			Common Noun	Proper Noun	Abstract Noun	_____	_____	_____	_____	_____	_____	_____	_____	_____
Common Noun	Proper Noun	Abstract Noun													
_____	_____	_____													
_____	_____	_____													
_____	_____	_____													
<p style="text-align: center;">HINDI</p>	<p>भारत के विभिन्न राज्यों में कौन कौन सी भाषाएँ बोली जाती हैं एवं वे किस लिपि में लिखी जाती हैं ? एक सूची तैयार करें ।</p>														
<p style="text-align: center;">SCIENCE</p>	<p>Take one packaged food product of your kitchen and observe it's packet carefully such as:</p> <p>(i) Manufacturing date (ii) Expiry date (iii) Vegetarian/ Non-vegetarian (iv) Ingredients present in it (v) Any other information.</p>														
<p style="text-align: center;">SOCIAL SCIENCE</p>	<p>HISTORY</p>	<p>CH – 4 In The Earliest Cities</p>	<p>a. Prepare a project on the discovery of Harappan Civilization.</p> <hr/> <p>b. Show the important sites of Harappan Civilization on an outline map of Indian subcontinent.</p>												
<p style="text-align: center;">MATHEMATICS</p>	<p>Draw Factor Tree for the following:-</p> <p>(i) 1035 (ii) 396 (iii) 144</p>														





SUBJECT	ACTIVITY															
ENGLISH	<p>You are Naman/Nita staying in room no 9 of Swami Dayanand Hostel of Divine Public School, Patna. Write a letter to your father seeking permission to join an educational tour in the winter break.</p> <p>Value Points</p> <ul style="list-style-type: none">• arranging of the events by School Association• date and places to be visited• how much money needed• seek permission															
HINDI	<p>कोविड -19 के कारण लॉकडाउन का हमारे पर्यावरण पर क्या प्रभाव पड़ा है । इस विषय पर एक लेख लिखें ।</p>															
SCIENCE	<p>PHYSICS: Describe an activity to show that air expands on heating. (*Note: Don't do this activity in CW copy, you can do the above activity in Assignment copy.)</p>															
SOCIAL SCIENCE	<p>HISTORY Chapter – 2 : NEW KINGS AND KINGDOMS</p> <ol style="list-style-type: none">1. Collect and paste pictures of Temples of North and South India and write about them.2. Mention the features of Temples in India.															
MATHEMATICS	<p>Puzzle Time:</p> <div data-bbox="432 1234 904 1861"><p>1.  Seven up!</p><p>Put the numbers 1, 2, 3, 4, 5, 6 and 7 in the circles so that each straight line of three numbers adds up to the same total.</p></div> <div data-bbox="432 1861 778 2083"><p>2.</p><table border="1"><tr><td>12</td><td>x</td><td>12</td><td>=</td><td>9</td></tr><tr><td>23</td><td>x</td><td>23</td><td>=</td><td>16</td></tr><tr><td>34</td><td>x</td><td>34</td><td>=</td><td>?</td></tr></table></div>	12	x	12	=	9	23	x	23	=	16	34	x	34	=	?
12	x	12	=	9												
23	x	23	=	16												
34	x	34	=	?												





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – VIII

AUGUST (ACTIVITY – 4)

SUBJECT	ACTIVITY									
<p style="text-align: center;">ENGLISH</p>	<p>A homophone is a word that is pronounced the same as another word but differs in meaning. A homophone may also differ in spelling. Underline the homophones and write their meaning in context.</p> <ul style="list-style-type: none"> ▪ I need to get a new sole put on my favourite pair of running shoes. Jogging is good for my soul. ▪ My son is 13 years old. He likes to spend time in the sun. ▪ My cat was crazily chasing his tail while I read a fairy tale to my children. ▪ I don't know whether to bring a jacket or not. The weather looks unpredictable today. ▪ Being idle makes me unhappy, but listening to my idol Taylor Swift makes me happy. ▪ The knight is on his way to the castle, but traveling at night is very dangerous. ▪ I won't spend one cent on a bottle of perfume until I know that I love the scent. ▪ If you accidentally drank a bottle of fabric dye, you might die. ▪ If the heel breaks on your shoe, you might fall. However, your injuries will heal over time. 									
<p style="text-align: center;">HINDI</p>	<p>हरिशंकर परसाई एवं मुकुटधर पांडेय का सचित्र साहित्यिक परिचय लिखिए ।</p>									
<p style="text-align: center;">SCIENCE</p>	<p>CHEMISTRY: Take two plastic containers and mark them A and B .Fill each container half with soil .Take some fruit and vegetable peels, fallen leaves etc., and bury them in soil in container A. Bury a polythene bag, a broken plastic toy, pieces of metal (or glass) in the soil in container B. Keep the container aside for at least 15 days. Now, you remove the soil and try to take out the materials kept in container A and B. Note your observation in a tabular form and also, write result below.</p> <table border="1" data-bbox="424 1709 1493 2056"> <thead> <tr> <th data-bbox="424 1709 959 1794">EXPERIMENT</th> <th data-bbox="959 1709 1275 1794">OBSERVATION (After 15 days)</th> <th data-bbox="1275 1709 1493 1794">INFERENCE</th> </tr> </thead> <tbody> <tr> <td data-bbox="424 1794 959 1924">1. Take container A and bury some fruit and vegetable peels (or fallen leaves) into soil.</td> <td data-bbox="959 1794 1275 1924"></td> <td data-bbox="1275 1794 1493 1924"></td> </tr> <tr> <td data-bbox="424 1924 959 2056">2. Take container B and bury a polythene bag, pieces of broken toys (or metal pieces) into soil.</td> <td data-bbox="959 1924 1275 2056"></td> <td data-bbox="1275 1924 1493 2056"></td> </tr> </tbody> </table>	EXPERIMENT	OBSERVATION (After 15 days)	INFERENCE	1. Take container A and bury some fruit and vegetable peels (or fallen leaves) into soil.			2. Take container B and bury a polythene bag, pieces of broken toys (or metal pieces) into soil.		
EXPERIMENT	OBSERVATION (After 15 days)	INFERENCE								
1. Take container A and bury some fruit and vegetable peels (or fallen leaves) into soil.										
2. Take container B and bury a polythene bag, pieces of broken toys (or metal pieces) into soil.										

<p style="text-align: center;">SOCIAL SCIENCE</p>	<p>HISTORY Chapter – 2 From Trade To Territory</p> <p>Prepare a timeline on the establishment of control of East India Company in India. (Policies adopted by different Governor Generals, different battles fought etc.)</p>
<p style="text-align: center;">MATHEMATICS</p>	<p>1. Solve the following equations: (a) $8x+3 = 27+2x$ (b) $5x+7 = 2x - 8$ (c) $3x + \frac{2}{3} = 2x+1$ (d) $\frac{7y+4}{y+2} = \frac{-4}{3}$</p> <p>Classify the solutions of above equations as Natural number/ Integers/ Rational number.</p> <p>2. Form five equations which solution can be classify as Natural number/ Integers/ Rational number.</p>





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CLASS – IX

AUGUST (ACTIVITY – 4)

SUBJECT	ACTIVITY																																				
ENGLISH	You all are well aware of the pandemic Covid-19 that has made our lives stressful and difficult. Write an article on “ Corona Virus (COVID – 19) ” in about 150-200 words. Also, state the difficulties faced by it and what precautions should be taken to protect ourselves from the clutches of Corona.																																				
HINDI	<u>पर्यावरण संतुलन</u> के प्रमुख कारण एवम् इसकी आवश्यकता पर एक लेख लिखिए।																																				
SCIENCE	PHYSICS Plot a velocity-time graph on a graph paper for the given sets of data and also conclude about the type of motion and acceleration in each case with help of the graph. (a) <table border="1"><tr><td>Velocity (m/s)</td><td>0</td><td>8</td><td>13</td><td>29</td><td>21</td><td>26</td><td>19</td><td>37</td></tr><tr><td>Time (s)</td><td>10</td><td>20</td><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td></tr></table> (b) <table border="1"><tr><td>Velocity (m/s)</td><td>0</td><td>8</td><td>16</td><td>24</td><td>32</td><td>40</td><td>48</td><td>56</td></tr><tr><td>Time (s)</td><td>0</td><td>5</td><td>10</td><td>15</td><td>20</td><td>25</td><td>30</td><td>35</td></tr></table>	Velocity (m/s)	0	8	13	29	21	26	19	37	Time (s)	10	20	30	40	50	60	70	80	Velocity (m/s)	0	8	16	24	32	40	48	56	Time (s)	0	5	10	15	20	25	30	35
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SOCIAL SCIENCE	POLITICAL SCIENCE Chapter – 2 Constitutional Design Prepare a Quiz on the Constitution of India. (A set of 20 questions.)																																				
MATHEMATICS	Verify the algebraic identity of $(a+b)^2$.																																				
SANSKRIT	कमपि श्लोकं द्वयं लिखित्वा अन्वयं कुरुत ।																																				





OXFORD PUBLIC SCHOOL, RANCHI

CLASS – X

AUGUST (ACTIVITY – 4)

SUBJECT	ACTIVITY
ENGLISH	<p>Sometimes we find a same word being used in a sentence but conveying a different meaning. Try to guess the meaning of the word black in the sentences given below.</p> <p>(a) The taxi driver gave Ratan a black look.</p> <p>(b) Bombardment in Hiroshima is one of the blackest crimes in history of mankind.</p> <p>(c) Villagers had beaten the thief black and blue.</p>
HINDI	<p>कक्षा दसवीं के पाठ्य पुस्तक ' क्षितिज ' एवं ' कृतिका ' के किन्हीं पांच कवियों या लेखकों का जीवन एवं साहित्यिक परिचय को असाइनमेंट पेपर की सहायता से एक सुंदर डायरी तैयार करें । (यदि संभव हो सके तो उनका एवं उनकी एक - दो रचनाओं का सुंदर एवं आकर्षक चित्र भी साथ में संलग्न करें)</p>
SCIENCE	<p>BIOLOGY</p> <p>Take a small potted plant and another small pot of the same size having the same amount of soil as that of the potted plant. Fix a stick in the middle of the pot which does not bear the plant. Cover the soil of the two pots with plastic sheets and place them in bright sunlight for half an hour.</p> <p>(i) What are you observing? Which plant set is showing presence of water droplets and why?</p> <p>(ii) What is transpiration and from where does it takes place? Also write about the significance of transpiration.</p>
SOCIAL SCIENCE	<p>HISTORY</p> <p>Chapter – 1 The Rise of Nationalism in Europe</p> <p>1. Compare the map of Europe after the Congress of Vienna 1815, and a map of modern day Europe (page-6).</p> <p>2. What are the changes you observed above and write briefly? (Germany, Italy, Greece, Netherlands, Belgium, Great Britain)</p>
MATHEMATICS	<p>1. Find the largest number which divides 546 and 764, leaving remainders 6 and 8 respectively.</p> <p>2. Find the HCF of $\frac{8}{9}$, $\frac{10}{27}$ and $\frac{16}{21}$.</p> <p>3. Find the LCM of $\frac{8}{9}$, $\frac{10}{27}$ and $\frac{16}{21}$.</p> <p>4. Give an example of two irrational numbers whose sum is rational.</p>

	<p>5. What is the condition for the decimal expansion of a rational number to terminate? Explain with the help of an example.</p> <p>6. Express $\frac{15}{4} + \frac{5}{40}$ as a decimal without actual division.</p> <p>7. Lab activity: To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method.</p>
SANSKRIT	कमपि श्लोकं द्वयं लिखित्वा अन्वयं कुरुत ।

