**SUMMER ASSIGNMENT 2017-18**
**CLASS : NURSERY**

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| Complete Pg No. 6 to 30 in <u>Basic Strokes of alphabets Book</u> |

**SUMMER ASSIGNMENT 2017-18**
**CLASS : KG - I**

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| **English** | Complete Pg No. 10 to 19 in Workbook (Writing Small letters) |
| **Maths** | Complete Pg No. 6 to 50 in work book (Number book 1 – 100) |
| **Hindi** | Complete Pg. No. 3 to 6 in work book (Shabad Sulekh) |

**SUMMER ASSIGNMENT 2017-18**
**CLASS : KG - II**

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| **English** | Complete Pg No. 10 to 35 in English Book (Let's Write Right) |
| **Maths** | Complete Pg No. 13 to 19 and 23 to 28 in Maths Book (Maths Track) |

**SUMMER ASSIGNMENT 2017-18**
**CLASS : I to IV**

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| Tables 2 to 12 |
| Reading Practice (Hindi & English) |
| Cursive Writing pages 1 to 15 |

## SUMMER ASSIGNMENT 2017-18
## CLASS : V

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| **English** | Read the newspaper daily and pick out sentences which identifies the parts of speech (Noun, Pronoun, adjectives, adverbs, verb, preposition) Cut and Paste these sentences in a flip book of atleast 15 pages underlining the parts of speech. Each part of speech should have min 10 sentences. |
| **Hindi** | अपनी कक्षा 5 की पुस्तक से पढ़कर <br><br> ● दस नए शब्दों की सूची बनाओ और उनके पर्यायवाची और विलोम शब्द लिखो। <br> ● दस अनेकार्थी शब्द लिखो और उनके दोनो अर्थ बताओ। <br><br> समाचार पत्र में से कोई एक चित्र लेकर उसपर अपने शब्दों में एक छोटी कहानी लिखो। |
| **Maths** | Unit -2 (Roman Numerals) Write numbers 1 to 100 in Roman Numerals <br><br> Make atleast two puzzle on a cardboard sheet showing the picture of Indian women who are creating a name in the world today. The pieces of the puzzle should have geometrical shapes (square, rectangle, triangle, octagon etc) <br><br> Learn Tables 12 to 20 |
| **EVS** | Make your own natural disinfectant and use it as an insecticide on potted plants <br><br> Method : Take a handful of dry neem leave and grind it into fine powder. Mix this in one litre of water and leave it overnight. Strain it in the morning and fill it in a spray bottle. |

# SUMMER ASSIGNMENT 2017-18
## CLASS : VI

| English | (i)    Read the Novel : Three Musketeers. Write the character sketch of the "Three Musketers" with pictures. <br> (ii)    Find twenty new words from the novel, find their meanings and frame sentences. |
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| Hindi | "पर्यावरण सरंक्षण हेतु एक स्लोगन पोस्टर पर तैयार करें।" |
| Sanskrit | संस्कृत सुधा – 1 पाठ 1, 2 (अभ्यास कार्य) <br> मणिका व्याकरण – बालक शब्द बालिका शब्द, फल शब्द <br> सर्वनाम शब्द – तद, एतद (तीनो लिंग <br> धातुरूप लट् लकार |
| Urdu | 1. 10 पेज उर्दू की राइटिंग करना <br> 2. सबक 1, 2, 3 की मश्क करना <br> 3. अलिफ, ब, प, त, ट, स, जीम, च, नून और म हरूफों से शुरू होने वाले 5–5 लफ्ज़ बनाएं। |
| Maths | Show the solar system by picture cutting and pasting <br> • Write their names and distances from the Sun <br> • Write the above distances in both Indian and International system of numeration. <br> Design a six piece poster set using Geometrical shapes. |
| Science | Find out the main Indian Festivals and what special dishes are made on this occasion like Christmas cake on Christmas. Make a list of 15 such festivals and paste picture of special dishes made during these festivals in a scrap book. |
| Social Science | Make a poster on the topic 'India : Unity in Diversity' and 'Paper is Precious' on A-3 size sheet along with slogan. |

## SUMMER ASSIGNMENT 2017-18
## CLASS : VII

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| **English** | Read the Novel – David Copperfield.<br>(i) Write character sketch of any two main characters in 150 words.<br>(ii) Choose 10 interesting adjectives from the Novel, find their dictionary meaning.<br>(iii) On republic day children are honoured with bravery award every year. Write the story of any one child in atleast 200 words and paste picture of the children who received this honour for 2016-17 |
| **Hindi** | समाचार पत्र में आने वाली किसी एक वर्ग पहेली को हल करें और उसमें आए शब्दों को अपने वाक्यों में प्रयोग करो। |
| **Sanskrit** | संस्कृत सुधा – 2 पाठ 1, 2 (अभ्यास कार्य)<br>मणिका व्याकरण – धातुरूप – लट् लकार, लृट् लकार, लंग लकार |
| **Urdu** | 1. हिन्दुस्तान पर अपने शब्दों में एक नज़्म लिखें।<br>2. सबक "अपना काम खुद करो" में से 20 इस्म तलाश करके लिखना। |
| **Maths** | (i) Verify that addition is commutative for integers by any illustration.<br>(ii) The given numbers are written on different tokens and put in an urn :<br>1, 2, 7, 9, 13, 15, 17, 20, 32, 45, 76, 83, 99, 100.<br>A token is selected at random from the urn. Find the following probabilities.<br>(a) Probability of getting an odd number.<br>(b) Probability of getting an even number.<br>(c) Probability of getting a prime number.<br>(d) Probability of getting a multiple of 5<br>(e) Probability of getting a two digit number. |
| **Science** | Collect the information and prepare a report file about nutrition in plants and animals. |
| **Social Science** | 'Even a small drop of water (fresh) is precious, available on Earth'. Design a poster and measures to save water for living being on Earth, on A3 size sheet for Board Display.<br><br>What do you mean the famous proverb "Cleanliness is next to Godliness"? How will you contribute to keep your school clean. Express in a poster. |

| English | Read the Novel : Around the world in 80 days. Write the story elements under the headings:<br>(i) Any two main characters that touched your heart using pictures.<br>(ii) Write about the adventure of Mr. Fogg during his journey around the world. Imagine yourself as Mr. Fogg.<br>(iii) Find 20 new words from the novel and write their synonyms and antonyms.<br>(iv) Design a poster related to any one place Mr. Fogg has visited showing main tourist attractions of the place. |
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| Hindi | "जल ही जीवन है। " पर कम से कम एक पोस्टर तैयार करें एवं 250 शब्दों में पानी के बचाव पर अपका क्या योगदान होगा वह बताएं। |
| Sanskrit | संस्कृत सुधा – 3 पाठ 1, 2 (अभ्यास कार्य)<br>मणिका व्याकरण – संख्या – 1 से 100 तक<br>धातुरूप – लट् लकार, लृट् लकार, लंग लकार |
| Urdu | 1. नज़्म "हमारा वतन दिल से प्यारा वतन" में वतन की खासियत पर पाँच जुमले लिखना।<br>2. कहानी "कपड़ों की दावत" से 10 लफ़्ज़ तलाश करके जुमले बनाएं।<br>3. कवाइद – जमानें और फैल की तारीफ याद करके लिखना। |
| Maths | 1. 120 men had food provision for 200 days. After 5 days, 30 men died due to an epidemic. How long will the remaining food last?<br>2. If 52 men can do a piece of work in 35 days, in how many days 28 men will do it?<br>3. A worker is paid Rs. 200 for 8 days work. If he works for 20 days, how much will he get?<br>4. In 15 days the earth picks up $1.2 \times 10^8$ kg of dust from the atmosphere. In how many days it will pick up $4.8 \times 10^8$ kg of dust?<br>5. If x and y vary inversely if x = 3, when y =8, find y when x = 4.<br>6. Following figures related to the weekly wages(in Rs.) of 15 workers in a factory :<br>300, 250, 200, 250, 200, 150, 350, 200, 250, 200, 150, 300, 150, 200, 250<br>Prepare a frequency table.<br>(i) What is the range in wages (in Rs.)?<br>(ii) How many workers are getting Rs. 350?<br>(iii) How many workers are getting the minimum wages?<br>7. The marks scored by 40 students of class VIII in mathematics are given below :<br>81, 55, 68, 79, 85, 43, 29, 68, 54, 73, 47, 35, 72, 64, 95, 44, 50, 77, 64, 35, 79, 52, 45, 54, 70, 83, 62, 64, 72, 92, 84, 76, 63, 43, 54, 38, 73, 68, 52, 54.<br>Prepare a frequency distribution with class size 10 marks.<br>8. What is class size.<br>9. Write at least 5 examples of each variation(direct and inverse), which you see around you. |
| Science | Prepare a herbarium file (Collect 10 different types of leaves and 10 different types of flowers, dry it and stick in the file) and also write the types of venations in the leaves and the botanical names of the plants. |
| Social Science | During break time, suppose you buy eatables from the canteen but you find students not disposing the litter in the dustbin. What would be your action with respect to the situation? Support your views on keeping the school and classrooms clean with reference to 'Swachchh Bharat Abhiyan' in 75 words. – In a scrap book |

| English | Read the Novel ' "Three men in a Boat' |
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| | (i)  Using pictures write any two hilarious incidents of the novel. |
| | (ii)  What is the message you get after reading the novel. Would you like to have such adventure with your friends? Imagine yourself as narrator Jerome and write about your dream journey. |
| Hindi | किसी भी दैनिक समाचार पत्र से प्रत्येक दिन एक समस्या की कटिंग कर फाइल में चिपकाएँ और उसे पढ़कर अपने विचार प्रस्तुत करें। (लगभग 20 दिन की कटिंग) |
| Sanskrit | मणिका 1 – पाठ 1, 2, 3 (अभ्यास कार्य) <br> मणिका व्याकरण – अकारान्त, इकारान्त, आकारान्त, उकारान्त, ईकारान्त, ऋकारान्त शब्दरूपाणि । <br> धातुरूपाणि – लट् लकार, लृट् लकार, लंग लकार <br> नर्मदा सेवा यात्रा मध्यप्रदेश पर संस्कृत समाचार संग्रह एवं विवरण सचित्र वर्णन। |
| Urdu | उर्दू अखबार में से 15 दिन की खबरों में से अपनी पसन्द की खबरों की कटिंग करके उन पर अपना नज़रिया पेश करके अपने अल्फाज़ों में लिख कर एक फाइल तैयार करें |
| Maths | 1. Find two rational numbers between 2/5 and 3/4. <br><br> 2. Express $5.\bar{2}$ in the form of p/q where p and q are integers and $q \neq 0$. <br><br> 3. Represent $\sqrt{3}$ on the number line. <br><br> 4. Represent $\sqrt{7.7}$ on the number line. <br><br> 5. Which is greater $\sqrt[3]{3}$ or $\sqrt[4]{4}$. <br><br> 6. If $a = \frac{2+\sqrt{5}}{2-\sqrt{5}}$ and $b = \frac{2-\sqrt{5}}{2+\sqrt{5}}$ then find the value of $a^2 - b^2$. <br><br> 7. Prove that $\frac{1}{2+\sqrt{3}} + \frac{1}{\sqrt{5}-\sqrt{3}} + \frac{1}{2-\sqrt{5}} = 0$. <br><br> 8. Simplify : $\left(\frac{5^{-3} \times 7^4}{7^{-2} \times 5^{-6}}\right)^{\frac{5}{2}} \times \left(\frac{5^{-3} \times 7^{-3}}{7^5 \times 5^2}\right)^{\frac{3}{2}}$. <br><br> 9. Express $0.6 + 0.\bar{7} + 0.\overline{47}$ in the form of p/q, where p and q are integers and $q \neq 0$. <br><br> 10. Find the value of $a$ and $b$ : - <br><br> $\frac{7+\sqrt{5}}{7-\sqrt{5}} - \frac{7-\sqrt{5}}{7+\sqrt{5}} = a + \frac{7}{11}\sqrt{5}b$ |
| Science | <u>Physics</u> : Solve atleast 10 numerical of each topic completed in the class. <br> Ch Motion : Distance, Displacement, Speed, Av. Speed, Velocity and Av. Velocity. <br> <u>Chemistry</u> : 1. Draw states of Matter triangle to show the inter-conversion of the three states of Matter in class work copy. <br> 2. Write Experiment 1 A,B,C and Exp 2 in Lab Manual <br> <u>Biology</u> : 1. What happens when <br> (a)  Plant cell placed in hypotonic solution . |

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| | (b) When a fully turgid plant cell is placed in a hypertonic solution.<br><br>(c) When human RBC are placed in hypertonic solution and hypotonic solution<br><br>2. Write the history and discovery of the cell and cell organelles. |
| **Social Science** | • Prepare a project on topic 'Specific hazards and Mitigation' of Disaster Management in a file (15-20 pages).<br><br>• Collect information about road safety measures adopted in India and present it in a form of a four sided newsletter on a half folded pastel sheet. |

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| **English** | Read the Novel – 'The Story of my life'. On the basis of your understanding<br>   (i)      Throw ample light on outdoor activities Helen enjoyed thoroughly and continued learning (using pictures).<br>   (ii)     Write three important characters of the novel you like the most. |
| **Hindi** | किसी भी दैनिक हिन्दी समाचार पत्र में आई कहानियों की कटिंग संकलित कर फाइल तैयार करें एवं प्रत्येक कहानी के प्रमुख पात्र का चरित्र चित्रण लिखें।(लगभग 10 कहानियाँ) |
| **Sanskrit** | मणिका 2 – पाठ 1, 2, (अभ्यास कार्य)<br>मणिका व्याकरण – स्वर संधि, मण्, अयादि, पूर्वरूप, दीर्घ, गुण, वृद्धि<br>प्रकृति संरक्षण, स्वच्छता अभियान एवं महाभारत दृश्य पर पाँच अनुच्छेद सचित्र संस्कृत में विवरण प्रस्तुत करें। |
| **Urdu** | कहानी   कौल का पास, ख़ुदा के नाम ख़त, रज़िया सुल्तान, काठ का घोड़ा, अवन्ती, कारतूस – इन कहानियों को पढ़कर इनके किरदारों के बारे में अपने अल्फाज़ में लिखिए। |
| **Maths** | Do the assignment questions given in the class. |
| **Science** | <u>Physics</u> : Solve atleast 10 numerical of each topic completed in the class.<br><br>(Ch Electricity : Charges, current, Potential difference and Ohms Law.)<br><br><u>Chemistry</u> : Balance following chemical equations using Hit and Trial method and learn<br><br>Valence Chart [in classwork copy]<br><br>1. $H_2S + O_2 \rightarrow H_2O + SO_2$<br>2. $Mg(OH)_2 + HCl \rightarrow MgCl_2 + H_2O$<br>3. $Ca(OH)_2 + CO_2 \rightarrow CaCO_3 + H_2O$<br>4. $NH_3 + O_2 \rightarrow N_2 + H_2O$<br>5. $BaCl_2 + Al_2(SO_4)_3 \rightarrow BaSO_4 + AlCl_3$<br>6. $KClO_3 \rightarrow KCl + O_2$<br>7. $NHO_3 + Ca(OH)_2 \rightarrow Ca(NO_3)_2 + H_2O$<br>8. $NH_3 + CuO \rightarrow Cu + N_2 + H_2O$<br>9. $CS_2 + O_2 \rightarrow CO_2 + H_2O$<br>10. $P_4 + O_2 \rightarrow P_2O_5$<br>11. $Al + Fe_2O_3 \rightarrow Fe + Al_2O_3$<br>12. $Fe + H_2O \rightarrow Fe_3O_4 + H_2$<br>13. $Al + Cl_2 \rightarrow AlCl_3$<br>14. $Al_2(SO_4)_3 + NaOH \rightarrow Al(OH)_3 + Na_2SO_4$<br>15. $MnO_2 + HCl \rightarrow MnCl_2 + H_2O + Cl_2$<br><br>Learn valence Factor |

Cation (+ive ion)

| $H^+$ | $Na^+$ | $K^+$ | $NH_4^+$ | $Ba^{++}$ | $Mg^{++}$ | $Ca^{++}$ | $Cu^{++}$ | $Zn^{++}$ | $Fe^{2+}$ | $Al^{3+}$ |
|---|---|---|---|---|---|---|---|---|---|---|

Anion (-ive ion)

| $O^{--}$ (Oxide) | $Cl^-$ (Chloride) | $Br^-$ (Bromide) | $OH^-$ (Hydroxide) | $S^{2-}$ (Sulphide) | $CO_3^{2-}$ (Carbonate) | $SO_4^{2-}$ (Sulphate) |
|---|---|---|---|---|---|---|
| $HCO_3^-$ (Hydrogen Carbonate) | | | $PO_4^{3-}$ (Phosphate) | | | |

Write Exp 1 and 2 in Lab Manual.

|  | Biology :<br>1. Understanding of life processes<br>2. Importance of life processes.<br>3. Learning Different methods of nutrition (Autotrophic and Heterotrophic with examples)<br>4. Detail about Nutrition in Human beings.<br>     ▪ Chapter reading, Understanding and learning.<br>     ▪ Writing Question and answers in notebook neatly with diagrams wherever required.<br>     ▪ Write practicals in practical record from Lab manual. |
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| **Social Science** | (a) Geography : Prepare the classification chart on 'Resources' in A3 size sheet.<br><br>(b) Prepare a project on topic 'Role of Money in Indian Economy' in a file (15-20 pages, A4 size). |