KERALA PUBLIC SCHOOLS
ACADEMIC YEAR 2020-21
CLASS :IV
HOME ASSIGNMENT WITH WEB LINK
DATE : 2.11.20-28.11.20

| SUBJECT | CHAPTERS | ASSIGNMENT | REFERENCE |
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| MATHS <br> Std IV | Factors and multiples <br> 2.11.20 <br> 3.11.20 <br> 4.11.20 <br> 5.11.20 <br> 6.11.20 | 1. Write the first four multiples of 8 . <br> 2. Write the first three multiples of 12 . <br> 3. Write the second multiple 10. <br> 4. Write the fourth multiple of 8 . <br> I. Fill in the blanks <br> a) $7 x 8=56,7$ and are $\qquad$ of 56. <br> b) $9 \times 3=27$, $\qquad$ and $\qquad$ are factors of 27. <br> c) $\qquad$ , 2, $\qquad$ , $\qquad$ $\qquad$ are the factors of 20. <br> d) $\qquad$ is the factor of every number. <br> e) The greatest factor of a number is the $\qquad$ . <br> 1. List out the factors of <br> a) 36 <br> b) 45 <br> 1) Factorise 24 by both factor tree method and prime factorisation method. <br> 2) Factorise 300 by both factor tree method and prime factorisation method. <br> a. Write all consecutive even numbers between 51 and 71 . <br> b. Write first 7 multiples of 12 . <br> c. Express as the product of prime factors of 54 and 144. | Go through the links given: <br> https://bit.iy/PlayingW |


(1) Prime Factorisation of 24 by Factor
(acer tree method -









|  |  | EXERCISE 10 e <br> II. b. 105 rupees 65 paise $=$ Rs105.65 <br> d. $\quad 13 \mathrm{~m} \mathrm{7} \mathrm{cm}=13.07 \mathrm{~m}$ <br> f. $\quad 73 \mathrm{~kg} 650 \mathrm{~g}=73.650 \mathrm{~kg}$ <br> h. $\quad 71378 \mathrm{ml}=7.3781$ <br> III. b. $4.4351=41435 \mathrm{ml}$ <br> c. $7.070 \mathrm{~km}=7 \mathrm{~km} \mathrm{70} \mathrm{m}$ <br> REVISION <br> I. Fill in the blanks: <br> a. $\frac{1}{10}$ of one hundred equals to $\qquad$ tens. <br> b. $94 \mathrm{ml}=$ $\qquad$ 1 <br> c. Factors of 44 are $\qquad$ <br> d. $\qquad$ is the least even prime number. <br> e. 72 is a multiple of $\qquad$ <br> f. 125 is the $\qquad$ number. <br> II. Write the prime factors of 63. <br> III. Write decimal numeral for four hundred eighteen and six tenths. <br> IV. Express in words : 612.181 <br> I. Write the expanded form of : 170.006 <br> II. Write all the even numbers between 21 to 37. <br> III. Write all the factors of 64. <br> I. Arrange the following in ascending order. |  |
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|  |  | II. Arrange in descending order: $0.625,0.564,5.642,0.587$ <br> III. Find the L.C.M of 18, 36 and 48 by prime factorisation. <br> I. Find L.C.M of 15, 25,20 by division method. <br> II. Find H.C.F of 120, 240, 300 by prime factorisation. <br> III. Find H.C.F of 858 and 1170 by division method. <br> I. Solve: <br> a. $6.9+8.9+18.8$ <br> b. $48.609+0.999+2.1$ <br> c. $0.695 \mathrm{~km}-0.199 \mathrm{~km}$ <br> d. $536.275 \mathrm{~kg}-364.20 \mathrm{~kg}$ <br> I. Write as decimals: 65 m 9 cm <br> II. Express 42 kg 20 g into kg <br> III. Find the least which when divided by 36 and 63 leaves remainder 3 . <br> IV. Find the largest number which divides 133 and 245 leaving a remainder 5 in each case. <br> ANSWER KEY <br> I. Fill in the blanks: <br> a. $\frac{1}{10}$ of one hundred equals to 1 tens. <br> b. $94 \mathrm{ml}=0.0941$ <br> c. Factors of 44 are 1, 2, 4, 11, 44 . <br> d. 2 is the least even prime number. <br> e. 72 is a multiple of 8 and 9 <br> f. 125 is the odd number. |  |
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|  |  | I. Write the prime factors of 63. <br> Ans. 3 X 3 X 7 <br> II. Write decimal numeral for four hundred eighteen and six tenths. <br> Ans. 418.6 <br> III. Express in words : 612.181 Ans. Six hundred twelve and one hundred eighty one thousandths. <br> I. Write the expanded form of : 170.006 <br> Ans. $100+70+\frac{6}{1000}$ <br> II. Write all the even numbers between 21 to 37 . <br> Ans. 22, 24, 26, 28, 30, 32, 34, 36 <br> III. Write all the factors of 64. Ans. 1, 2, 4, 8, 16, 32, 64 <br> I. Arrange the following in ascending order. <br> 5242.62, 524.4262, 524.62, 52.642 <br> Ans. $52.642<524.6<524.62<524.4262$ <br> II. Arrange in descending order: $0.625,0.564,5.642,0.587$ <br> Ans. $5.642>0.625>0.587>0.564$ <br> III.Find the L.C.M of 18, 36 and 48 by prime factorisation. |  |
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A. Fill in the blanks with the simple future tense forms of the verbs in the brackets.
13.11.20
16.11.20
18.11.20

1. The $\operatorname{dog}$ will bite if you tease him. (bite)
2. We will do this work together. (do)
3. I will catch the ball if it comes my way. (catch)
4. I will buy a new dress for my birthday. (buy)
5. The gardener will mow the lawn. (mow)
6. Humpty Dumpty will fall off the wall. (fall)
7. Alok will break the vase if he is not careful. (break)
8. They will fly to London tomorrow morning. (fly)
9. We will watch the India- Pakistan match in Mumbai. (watch)
10. Mother will choose the curtains for my room. (choose)
B. Complete these sentences with the simple future tense forms of the verbs in the brackets. Add not to make negative sentences.
11. I will not take the car to school. (take)
12. If it gets dark we will not go to the beach. (go)
13. He will not buy the flat as it is too expensive. (buy)
14. Ritu will not attend tomorrow's meeting. (attend)
15. I will not cheat in the examinations. (cheat)
16. Ruchi will not eat anything as her stomach is upset. (eat)
17. I am afraid I will not be able to go to school tomorrow. (be)
18. Since it is raining heavily, the meeting will not take place today. (take)
19. According to the teacher, Smita will not pass the examination. (pass)
20. He will clean his room as his mother will not do it this time. (do)
C. Rewrite these sentences as interrogative sentences in the simple
future tense.
21. I shall come to your party.

Ans. Shall I come to your party?
2. The brave man will fight the lion.

Ans. Will the brave man fight the lion?
3. We shall tell them the good news.

Ans. Shall we tell them the good news?
4. I shall hide under the bed.

Ans. Shall I hide under the bed?
5. Sneha will recite the poem for us.

Ans. Will Sneha recite the poem for us?
6. We shall teach them the new game.


|  |  | a. The yo-yo is the second oldest toy in the world. <br> b. Yo-yo is thought to have been invented in China around three thousand years ago. <br> c. Yo-yo were used as toys as well as weapons. <br> d. Yo-yos were made from wood, metal or painted pottery discs. <br> III. Opposites. <br> a. oldest x newest <br> b. beneath x above <br> c. many $x$ few <br> d. different x similar <br> IV. Find out words from the passage which mean the following: <br> a. an instrument or device used to attack- weapon <br> b. to extend or distribute over a region, place or period of time- spread |  |
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| Eng. Lit. | How the little kite learnt to fly ( poem) <br> 3.11.20 <br> 5.11.20 | *Do all the exercises in Eng Lit note book <br> 1. Learn and write the first eight lines of the poem <br> How the Little Kite Learnt to Fly <br> ' I never can do it,' the little kite said, As he looked at the others high over his head. ' I know I should fall if I tried to fly.' <br> 'Try, said the big kite, only try ! <br> Or I fear you never will learn at all'. <br> But the little kite said : 'I'm afraid I'll fall.' <br> The big kite nodded : 'Ah, well, goodbye., <br> I am off.' And he rose toward the tranquil sky. <br> II. Answer in one word <br> 1. quiet and peaceful - tranquil <br> 2. made some body feel excited -stirred <br> 3. a journey made by air- flight <br> 4. to move around quickly in a circle- whirling <br> 4.gradually and in an even way-steadily <br> 5.a strong feeling of excitement-thrilled <br> III. Antonyms <br> 1. high x low <br> 2.little x much <br> 3. never $x$ always |  |





|  | c. Where did they study ? <br> Ans. The girls studied at St. Mary's High School. <br> 3. Mother Teresa was a living Saint who has been a source <br> of inspiration to millions across the world. <br> a. Who was a living saint? <br> Ans. Mother Teresa was a living saint. <br> b. Why was she called a saint? <br> Ans. She was called a saint because she dedicated her entire <br> life to serving the poorest of the poor. <br> c. How does she serve as a source of inspiration to others? <br> Ans. Mother Teresa worked selflessly for the betterment of <br> the poor, destitute and the needy. So, she became a ray of <br> hope for people from the down trodden sections of the <br> society.Today millions across the world are working <br> tirelessly, helping the needy all around the world, carrying <br> forward her work. <br>  <br> VI. Make Sentences <br> 1. religious - Raju's grandmother is a very religious woman. <br> 2. saint- A saint near the roadside was distributing food to <br> the needy. <br> 3. dedicated - My father is very dedicated towards his job. <br> 4. appreciated - The school pupil leader was appreciated by <br> the principal for his good deed. |
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|  |  | 2 ) रेखांकित शब्दों के संज्ञा भेद लिखें - <br> क) इशिता पढ़ रही है। - व्यक्तिवाचक <br> ख) चिड़ियाघर में अनेक पशु-पक्षी होते है। - जातिवाचक <br> ग ) यहाँ चारों ओर हरियाली है। - भाववाचक <br> घ) बच्चा खिलौने से खेल रहा है। - जातिवाचक <br> ड़ ) वह बचपन में बहुत शरारती था। - भाववाचक <br> क्रिया ( अभ्यास कार्य ) <br> 1 ) क्रिया शब्द को रेखांकित करें - <br> क) बालक दूध पी रहा है। <br> ख) पक्षी उड़ रहे हैं। <br> ग) सूर्य अस्त हो गया। <br> घ ) दादा जी अखबार पढ़ रहे हैं। <br> ड़) मैं आज विद्यालय जाऊँगा। <br> 2 ) दिये गए शब्दों के दो - दो पर्यायवाची शब्द लिखें - <br> मोर - मयूर, केकी <br> राजा - नृप, भूपति <br> हाथ - हस्त, कर <br> शरीर - देह, काया <br> साँप - सर्प, नाग <br> 3 ) अनेक शब्दों के लिए एक शब्द लिखें - <br> क ) कपड़े सिलने वाला - दरजी <br> ख ) जो कभी न मारे - अमर <br> ग) सेना में काम करने वाला - सैनिक <br> घ) आलस करने वाला - आलसी |  |
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| हिन्दी साहित्य | कदम्ब <br> पेड़ <br> 3.11.2020 <br> 5.11.20 | कदंब का पेड़ कविता को लय के साथ पढ़कर याद करें। कठिन शब्द <br> कदंब कन्हैया <br> स्वर बंसी <br> पत्तों डाँटती <br> मिठाई हृदय <br> अंचल अम्मा <br> शब्दार्थ <br> तीरे-किनारे <br> स्वर-आवाज <br> माखन-मक्खन <br> टहनी-डाली <br> विकल-बेचैन <br> विनती-प्रार्थना <br> अंचल-आँचल <br> इन प्रश्नों के उत्तर एक वाक्य में दीजिए। <br> $1^{\circ}$ कदंब का पेड़ कविता के कवि कौन हैं ? <br> उत्तर -कदंब का पेड़ कविता के कवि श्रीमती "सुभद्रा कुमारी चौहान "हैं। <br> $2^{\circ}$ इस कविता में कौन किससे बातें कर रहा है? <br> उत्तर-इस कविता में एक बालक अपनी माँ से बातें कर रहा हैं \| <br> $3^{\circ}$ बालक मन में क्या कल्पना करता हैं? <br> उत्तर-बालक मन में यह कल्पना करता है कि अगर कदंब का पेड़ यमुना के किनारे होता तो वह भी कन्हैया की तरह उसपर बैठकर बांसुरी बजाता\| <br> $4^{\circ}$ बालक अन्य पेड़ों का नाम न लेकर केवल कदंब के पेड़ का ही नाम क्यों लेता हैं ? <br> उत्तर-बालक कृष्ण -कन्हैया बनकर बांसुरी बजाना चाहता हैं इसलिए बालक अन्य पेड़ों का नाम न लेकर केवल कदंब के पेड़ का ही नाम लेता है। <br> .5 इस कविता में किस नदी का नाम आया है और क्यों? उत्तर-इस कविता में यमुना नदी का नाम आया है क्योंकि कृष्ण जी यमुना नदी के किनारे बांसुरी बजाया करते थे। .6 बालक किस पेड़ पर चढ़कर बांसुरी बजाना चाहता है? उत्तर-बालक कदंब के पेड़ पर चढ़कर बांसुरी बजाना चाहता है। <br> . 7 बांसुरी कौन लेकर देगा? |  |





|  | 24.11. 20 <br> REVISION SHEET | उत्तर-प्रस्तुत वाक्य हमारे पाठ्य पुस्तक के पाठ "चक्रव्यूह "से लिया गया है\|यह वाक्य सारथी ने अभिमन्यु को कहा| <br> वाक्य बनाएँ -: <br> युद्ध-युद्ध से किसी भी समस्या का समाधान नहीं हो सकता है। चक्रव्यूह-चक्रव्यूह को भेदना केवल अर्जुन ही जानते थे। संचालन-कार्यक्रम का संचालन प्रधानाध्यापिका जी कर रही थी\| <br> तीव्रगति-मार्च के महीने में कोरोना तीव्रगति से फैल रहा था। घातक-शेर ने अपने पंजों से घातक प्रहार किया। <br> 1. शब्दार्थ लिखें- <br> 1. विकल , 2. घातक , 3. स्वर , 4. असमर्थ , 5. तीरे , 6. प्रवेश 7. विनती , 8. प्रहार , 9. विधि, 10. चिंतित <br> 2. इन प्रश्नों के उत्तर एक वाक्य में दें। <br> 1. 'कदम का पेड़' कविता में कौन किससे बातें कर रहा है? <br> 2. अभिमन्यु कौन था? <br> 3. 'कदंब का पेड़' कविता की लेखिका कौन है? <br> 4. अर्जुन अपने रथ पर बैठकर युद्ध करते करते - करते कहां तक चले गए थे? <br> 5. बालक मन में क्या कल्पना करता है? <br> 6. चक्रव्यूह की रचना किसने की ? <br> 7. किस तरह का खेल मां - बेटा खेला करते थे? <br> 8. दु:शासन के पुत्र ने क्या किया? <br> 9. इस कविता में कौन सा रस् झलकता है? <br> 10. अभिमन्यु का सारथी किनके वाण से घायल हुआ? <br> 3. इन प्रश्नों के उत्तर दें। <br> 1. बालक किस प्रकार कन्हैया बनना चाहता है ? <br> 2. युधिष्ठिर की चिंता का क्या कारण था? <br> 3. बालक अपनी मां को किस प्रकार बुलाना चाहता है? <br> 4. शत्रु पक्ष को कब और क्यों चिंता हुई? <br> 5. मां का ह्रदय कब विकल हो जाता है? <br> 6. दूसरे द्वार पर क्या देखकर द्रोणाचार्य चकित हो गए? <br> 7. मां के दुखी होने पर बालक क्या काम करके मां को सुख कर देता? <br> 4.किसने किससे कहा <br> 1. तुम तो अभी बालक हो। <br> 2. मैं युद्ध भूमि में पीठ नहीं दिखा सकता |  |
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|  | 4. जब अभिमन्यु छठा दवार भी पार कर गया तो शत्रु पक्ष को चिंता हुई। इतना बड़ा चक्रव्यूह रचकर भी सोलह वर्ष के बालक से मुंह की खानी पड़ रही थी। <br> 5. जब बालक मां के बार-बार आवाज देने पर भी कुछ ना कहकर पेड़ की सबसे ऊंची डाल पर चढ जाता , फिर धीरे से माँ कहकर टहनियों के पत्तों के पीछे छिप जाता। जब मां के बुलाने पर भी वह नीचे नहीं उतरता तो वह बहुत परेशान और व्याकुल हो जाती <br> 6. दूसरे दवार पर जब अभिमन्यु ने गुरु द्रोणाचार्य के बाण को अपने धनुष से काट दिया। तब द्रोण अकेले बालक के पराक्रम को देखकर चकित हो गए। <br> 7. मां के दु:खी होने पर बालक चुपचाप पेड़ से नीचे उतरकर आता और अपनी मां के आंचल में छुप जाता। इस तरह वह मां को खुश कर देता। <br> 4. किसने किससे कहा। <br> 1. प्रस्तुत वाक्य हमारे पाठ्य पुस्तक के पाठ 'चक्रव्यूह' से लिया गया है\| यह वाक्य भीम ने अभिमन्यु से कहा| <br> 2. प्रस्तुत वाक्य हमारे पाठक के चक्रव्यूह से लिया गया है। यह वाक्य अभिमन्यु ने सारथी से कहा। <br> 5. खाली जगह भरे :- <br> 1. बंसी, खुश <br> 2. प्रवेश <br> 3. अंचल , पेड़ <br> 4. जयद्रथ <br> 5. घातक <br> 6. वाक्य बनाओ ;- <br> 1. बांसुरी लकड़ी की बनी होती है। <br> 2. आज मेरे भाई को नर्सरी में प्रवेश मिल गया। <br> 3. हम प्रतिदिन भगवान की विनती करते हैं। <br> 4. सैनिक हमारे देश की रक्षा करते हैं <br> 5. पेड़ से हमें ऑक्सीजन प्राप्त होता है\| |
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| SOCIAL STUDIES (Std 4) | 03-11-2020 <br> Ch- 9 The <br> Four Major <br> Metropolita n cities. 05-11-2020 | Read the chapter thoroughly. <br> Do all the exercises in the book Ch9- Pg 70 (A,B,C) <br> A. Put a tick on the correct option. <br> 1. Old city of Delhi was built by $\qquad$ Ans. Pandavas <br> 2. Till which year was Kolkata the capital of India? <br> Ans. 1911 <br> 3. Chennai is the capital of Ans. Tamil Nadu <br> 4. Mumbai faces the Ans. Arabian Sea <br> B. Answer in one word. <br> 1. What is the official name of Delhi? Ans. National Capital Territory <br> 2. What was the old name of Kolkatta? Ans. Calcutta <br> 3. Which is the most famous beach of Tamil Nadu? <br> Ans. Marina Beach <br> 4. What was Mumbai formerly known as? Ans. Bombay <br> 5. What is India's Hindi film industry called? <br> Ans. Bollywood <br> C. Read the clues and write the names of the city in the given space. <br> 1. Lotus temple, India Gate, Nehru Planetarium. Ans. Delhi <br> 2. Arabian Sea, Marine Drive, Maharashtra Ans. Mumbai <br> 3. Gandhi Mandapan, Marina Beach, Fort St George <br> Ans. Chennai <br> 4. Botanical Gardens, Vidyasagar Setu, Birla Planetorium <br> Ans. Kolkatta | Go through the links given: <br> https://youtu.be/aQ <br> https://youtu.be/6k2 |



| SOCIAL <br> STUDIE <br> S <br> (Std3) | 12-11-2020 <br> Ch - 12 : <br> Indian <br> Rivers <br> 17-11-2020 <br> 19-11-2020 | Ch-12 : Indian Rivers <br> Read the chapter thoroughly. <br> Do all the exercises in the book <br> Ch12 - Pg 91 (A,B) <br> A. Put a tick on the correct option. <br> 1.The starting point of a river is called its <br> Ans. (a) source <br> 2.The length of river Indus is <br> Ans.(b) 2897 km <br> 3.Artificial lakes produced by the dams are called the <br> Ans.(a) reservoirs <br> 4. Bhakra Nangal Dam is made on the river <br> Ans.(a) Sutlej <br> B. Fill in the blanks. <br> 1.The Himalayan rivers form large basins while passing through the mountains. <br> 2.River Indus originates from Kailash Range in Tibet. <br> 3.Himalayan rivers are perennial as they get water from the rainfall as well as from the melting of sea. <br> 4.Tapi and Narmada are peninsular rivers. <br> 5.Tehri Dam is the highest dam in India. <br> *The assignments given below have to be done in the Social Studies notebook. <br> Word Bank(write in your notebook ) course,tributary,irrigation,Brahmaputra,perennial,na vigable,hydroelectricity, peninsular,erosional, reserv oir, <br> navigation, barriers <br> Let's Recap (write in your notebook) <br> Answer in one word : let's know <br> 1.Washing away of soil due to flood and rain- Soil erosion <br> 2. The area of land from which all the water flows into a particular river- Basins <br> 3.Everlasting- Perennial <br> 4.Sea or waterway where ships and boats are able to sail through- Navigable <br> 5.Electricity generated through waterHydroelectricity | Go through the links given: <br> https://youtu.be/uv3 VFPGUaVU <br> https://www.youtube .com/watch?v=6R4y 2HNn-fQ |
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|  | Define the given terms (write in your notebook) <br> 1.A river- A river is a large natural course of <br> running water which empties into another large <br> water body. <br> 2.A tributary- A tributary is a fresh water stream <br> that joins a larger stream or a river. <br> 3.Basins- Basins are the area of land from which all <br> the water flows into a particular river. <br> 4.Dams- Dams are called Multi -Purpose River <br> Projects due to the many ways they offer to manage <br> the water resources. <br> $\mathbf{2 4 - 1 1 - 2 0 2 0}$ <br> Answer the following: <br> Q1.What are perennial rivers? <br> Ans. The rivers that get water from the rainfall as <br> well as from the melting ice throughout the year are <br> called perennial rivers. <br> Q2.Why are all the major cities of India located on <br> the bank of the rivers? <br> Ans. All the major cities of India are located on the <br> banks of the rivers because the rivers provides <br> irrigation, potable water, cheap transportation, <br> electricity and livelihood for a large number of <br> people all over the country. <br> Q3.Write a short paragraph on the importance of <br> rivers? <br> Ans. Rivers play important roles in our lives. Rivers <br> provide fresh drinking water. They play an <br> important role in water cycle.River water is used for <br> irrigation. It provide habitat to fishes, birds and <br> other aquatic animals. They are an important source <br> of food also.They provide travel routes for <br> transportation of people and goods. |
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| Q4.Why are dams called multi-purpose river |  |
| projects? |  |
| Ans. Dams are called multi-purpose river projects |  |
| due to the many ways they offer to manage the |  |
| water resources. For examples: |  |
| Supply of water for domestic use ,prevention of soil |  |
| erosion, producing hydroelectricity, irrigation, |  |
| navigation etc. |  |$|$





|  |  | Q6.Write four uses of dams? <br> Ans- The uses of dams are: <br> 1.Supply of water for domestic use. <br> 2.Prevention of soil erosion. <br> 3.Producing hydroelectricity. <br> 4.Irrigation |  |
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| SUBJECT | CHAPTERS | ASSIGNMENT | REFERENCE |
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| $\begin{aligned} & \text { SCIENCE } \\ & \text { (Std4) } \end{aligned}$ | Adaptation in Animals <br> 2.11.2020 <br> 4.11.2020 | Read the chapter thoroughly. <br> Do all the exercises in the book <br> Ch 4 : Page 34, 35 <br> 1.Tick ( $\checkmark$ ) the correct answer. <br> a. An example of animals that huddle up together to keep warm is <br> Ans. ii) penguins <br> b. An animal that can store fat in its hump is <br> Ans. ii) camel <br> c. Animals with a streamlined body are <br> Ans. Aerial animals <br> d. Animals that have sharp teeth to tear the flesh are called <br> Ans. ii) carnivore <br> e. A mammal that can fly is <br> Ans. i) bat <br> 2. Give two examples of each of the following. <br> a. Parasites - Leech Bed bug <br> b. Scavengers - Hyena Vulture <br> c. Amphibians - Frog Salamander <br> d. Animals that hibernate - Bear Frog <br> e. Omnivores - Crow Bear <br> f. Aquatic animals - Fish Crab <br> 3. Write True or False . <br> a. Aquatic animals breathe with help of gills - True <br> b. Terrestrial animals live in water - False <br> c. Animals hibernate to escape the extreme cold - <br> True <br> d. Insects have wings with scales on them - True <br> e. Whale is an aquatic mammal - True. <br> Solve these exercises in the notebook. <br> Word bank : <br> 1)adaptation <br> 4) habitat <br> 3)surrounding <br> 7) breathe 8) deserts <br> 6) features <br> 9) survive <br> 10) eyelashes 11) Arctic fox <br> 12) Penguins <br> 13)aestivation 14) hibernation <br> 15) aquatic animals <br> 16)oxygen 17) amphibians <br> 18)aerial <br> 19)streamlined 20)insect <br> 21)arboreal <br> 22)herbivore <br> 23)carnivore, <br> 24)omnivores 25)scavengers. | $\underline{\text { https://youtu.be/6jFQMjIE6 }}$ $\underline{\text { https://youtu.be/yY4NNxka }}$ to $\underline{\text { https://youtu.be/9SS0pYZR }}$ $\underline{\text { NZw }}$ $\underline{\text { https://youtu.be/Jz5nQF0aq }}$ $\underline{\text { FE }}$ |




| 11.11.2020 | Ans |  |
| :---: | :---: | :---: |
|  | Aestivation | Hibernation |
|  | i) A long sleep by animals in the hot, dry summer is called aestivation. | i)A long winter sleep is called hibernation. |
|  | 12. Differentiate between predator and prey. Ans |  |
|  | Predator | Prey |
|  | i) An animal that kills another animal for food. | i) The animal killed by predator for food |
|  | ii) Ex : lion | ii)Ex : deer |
|  | 13. Differentiate between arboreal animals and aerial animals. <br> Ans |  |
|  | Arboreal animal | Aerial animal |
|  | i) Animals that spend most of their time on trees. | i) Animals that spend most of their time in air |
|  | ii) ex : Monkey, squirrel | ii) Ex : bird, butterfly |
|  | Fill in the blanks. <br> 1. The natural surrounding where an animal lives is called habitat. <br> 2. Camel is called the ship of the desert . <br> 3. Penguins huddle up together to keep themselves warm. <br> 4. Animals that live on both land and water are called amphibians. <br> 5. Frogs and lizards have long tongues to trap insects and eat them. |  |
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| SUBJECT | CHAPTERS | ASSIGNMENT | REFERENCE |
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| $\begin{aligned} & \text { SCIENCE } \\ & \text { (Std 4) } \end{aligned}$ | Ch 11: Push and Pull 16.11.2020 | Read the chapter thoroughly. <br> Do all the exercises in the book <br> Ch 11: Page 88, 89 <br> 1.Tick( $\checkmark$ ) the correct answer. <br> a. The force that tries to stop a moving object is Ans. (ii) frictional force <br> b. The force exerted by earth on all objects is called <br> Ans. (ii) gravitational force <br> c. Magnets attract <br> Ans.(i) iron <br> d. We are able to walk on the earth due to <br> Ans.(ii) Frictional force <br> e. When you press a toothpaste tube, you are applying force to <br> Ans ii) Change the shape <br> 2. Write True or False. <br> a. Force can only push objects - False <br> b. Friction is a force that opposes motion.- True <br> c. Force can change the shape of some objects. - <br> True <br> d. The force of friction keeps us on the surface of the earth. - False <br> e. Friction is less on rough surfaces - False <br> 3. Fill in the blanks. <br> a. Force is a push or pull. <br> b. The force exerted by the earth is called gravitational force. <br> c. Force is a push or pull <br> d. To make an object move faster, we need to apply force in direction similar to the object. <br> e. To slow down a moving object, force has to be applied in the opposite direction. <br> Solve these exercises in the notebook. <br> Word bank : <br> 1)Opponent 2) wrestling 3)activity 4) effect <br> 5)stationary 6) direction 7) tooth paste 8) applying <br> 9)opposite 10) muscular force 11)gravitational |  |


|  | 12)surface 13) motion 14) friction 15) magnetic <br> 16)frictional force 17)contact 18) object <br> 19) magnet. 20) shape <br> Answer the following questions. <br> 1. List the effects of force. <br> Ans. The effects of force are : <br> a. A force can make a stationary object move. <br> b. A force can stop a moving object. <br> c. A force can change the direction of a moving <br> object. <br> d. A force can change the shape of an object. <br> e. A force can make an object move faster. <br> f. A force can slow down a fast moving object. <br> 2. What is gravitational force ? <br> Ans. The force of the earth that pulls all objects <br> towards itself is called gravitational force. <br> 3. What is frictional force? <br> Ans. The force that opposes motion is called <br> frictional force. <br> 4. What is magnetic force ? <br> Ans. The force exerted by a magnet on iron objects <br> is called magnetic force. <br> 5. What is muscular force? <br> Ans. The force exerted by muscles to push or pull <br> objects, walk, run etc is called muscular force. <br> 6. What would happen if earth had no gravity? <br> Ans. If the earth had no gravity, then we would be <br> floating in the air. <br> HOTS. <br> 1.Why does a boy walking on a road slip when he <br> steps on a banana skin? <br> Ans. A boy walking on a road slips when he steps <br> on a banana skin because of its smooth surface <br> which reduces friction. <br> 2. Which force according to you holds the earth's <br> atmosphere in place? <br> Ans. The force which holds the earth's atmosphere <br> in place is gravitational force. |  |
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|  |  | Extra questions <br> Choose the correct option and fill in the blanks. <br> 1.To make an object move faster, force is applied in <br> same direction. (same/opposite) <br> 2. Force applied in an opposite direction reduces the <br> speed of the moving object. (increases/reduces) <br> 3. The force exerted by muscles to push or pull <br> things is called $\underline{\text { muscular force(frictional/muscular) }}$ <br> 4. An object thrown in the air falls down on earth <br> due to gravitational force. (gravitational / muscular) <br> 5. Frictional force is more on rough <br> surfaces.(smooth/rough) |
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ACADEMIC DIRECTOR

