

KERALA PUBLIC SCHOOLS
ACADEMIC YEAR 2020-21
HOME ASSIGNMENT



CLASS : IV
DATE: 08.10.2020 to 22.10.2020

SUBJECT	ASSIGNMENT
MATHS	<p><u>CHAPTER - 8 MEASUREMENT</u> <u>Few important points to be done in the notebook</u></p> <ul style="list-style-type: none">• Draw the Place Value Chart (Pg-129).• Write the short form for the Metric Units (Pg-130).• Conversion:<ul style="list-style-type: none">a. From Higher Units to Lower Units (Pg - 131)b. From Lower to Higher Units (Pg - 132) <p><u>Work to be done in the school note book</u> Exercise – 8.2, 8.3(Q no. 2), 8.4(Q no. 2), 8.5, 8.6, 8.7, 8.8 Test Zone and Mental Maths</p> <p><u>Work to be done in the text book</u> Exercise – 8.1, 8.3(Q no. 1), 8.4(Q no. 1)</p> <p><u>Few more questions to be done in the school note book</u> <u>Fill in the blanks-</u></p> <ol style="list-style-type: none">1. 1 km = ____ m.2. 1000 g = ____ kg.3. 100 cm = _____ m.4. 1 L = ____mL.5. The basic unit of length = _____.6. 1 m = ____ mm.7. 2 kg 700 g = _____ g.8. 9 m 210 cm = _____ mm.9. 7000 m = _____ km.10. 2 kL = ____ L. <p>Project: Paste five pictures each of Length, Weight and Capacity</p>
SCIENCE	<p><u>Chapter 8 – Circulatory System and Excretory System</u> Read the chapter carefully and all the following exercises to be done in the textbook.</p> <p><u>I. Objective type questions:-</u> A. Fill in the blanks with correct words.</p> <ol style="list-style-type: none">1. <u>Organ systems</u> (Organisms/Organ systems) work together so that our body can function normally.2. The <u>circulatory</u> (circulatory /excretory) system helps to transport substances within the body.3. <u>Blood</u> (Heart/Blood) is a fluid that is carried by blood vessels to all parts of the

body.

4. The **excretory** (circulatory/excretory) system is an organ system that helps in getting rid of wastes formed inside our body.

5. The formation of urine takes place in the **kidneys**.

B. Match the following:

Column A

1. Circulatory system
2. Excretory system
3. Arteries and veins
4. Kidneys
5. Heart

Column B

- a. Pumping organ
- b. Blood vessels
- c. Transport of substances
- d. Removal of wastes
- e. Urine formation

1	2	3	4	5
c	d	b	e	a

C. Choose the correct option:

1. Which of these are transported by blood?

Ans: d. All of these

2. Which of these are called blood vessels?

Ans: c. Arteries and veins

3. Which of these helps in getting rid of wastes from the body?

Ans: c. Excretory system

4. Which of these is NOT a part of the excretory system?

Ans: d. Heart and Blood vessels

5. Which of these organs store urine?

Ans: b. Urinary bladder

6. Which of these is NOT a part of the circulatory system?

Ans: d. Kidneys

7. Where does urine get formed?

Ans: a. Kidneys

8. Which of these is a process by which wastes are removed by the body?

Ans: c. Excretion

II. Very short answer type questions:

A. Give two examples for each of the following:

1. Organ systems of the body **Excretory system, Circulatory system**

2. Organs of circulatory system **Heart, Blood vessels**

3. Substances that get transported within the system **Water, Oxygen**

4. Blood vessels **Arteries, Veins**

5. Organs of the excretory system **Kidney, Bladder**

Notebook Work:-

Draw and label the organs of excretory system given in page no.90 on the blank pages of the science notebook.

Word Bank:-

organ	circulatory	heart	blood	blood vessels
fluid	nutrients	oxygen	carbon dioxide	arteries

veins	capillaries	excretory	wastes	kidneys
ureters	urinary bladder	urethra	muscular	excretion

Answer the following questions:

1. What do organ systems do for the body? Name any three organ systems of the human body.

Ans: Organ systems work together so that our body can function normally. Circulatory system, excretory system, and skeletal system.

2. Differentiate between the role of excretory system and circulatory system in the body?

Ans: Excretory system helps in the excretion of wastes from our body. Circulatory system transports substances throughout the body.

3. Name the different things that blood helps to transport within the body.

Ans: Blood helps to transport nutrients, water, oxygen, carbon dioxide, and waste products.

4. What are the three types of blood vessels?

Ans: Arteries, Veins and Capillaries.

5. Define excretion. Name any three parts of the excretory system.

Ans: The process by which wastes are removed from our body is called excretion. Urinary bladder, ureters and kidneys.

6. Describe the excretory system in brief.

Ans: The excretory system is an organ system that helps in getting rid of wastes formed inside our body. The process by which wastes get removed from our body is called excretion. The excretory system consists of a pair of kidneys, a urinary bladder, a pair of tubes called ureters and a urethra. The formation of urine takes place inside the kidneys.

HINDI

हिंदी साहित्य

पाठ – हाथी तौला गया (कहानी)

1. पाठ का सस्वर वाचन शुद्ध उच्चारण के साथ करें ।

2. उत्तर-पुस्तिका में नए पृष्ठ में पाठ का नाम लिखकर पाठ से संबंधित चित्र बनाएँ ।

3. कठिन शब्दों को दो-दो बार उत्तर पुस्तिका में लिखें ।

4. पृष्ठ संख्या (148) में दिए गए शब्द-भंडार से सभी अर्थ उत्तर -पुस्तिका में लिखें ।

5. कठिन शब्द

6. विचित्र	समस्या	बुद्धि	मूल्यवान	युद्ध
7. असमर्थ	भ्रमण	संतुष्ट	निर्धन	व्यक्ति

8.

अभ्यास कार्य

कहानी से

मौखिक

सोचो और बताओ

प्रश्न 1: राजा के पास क्या था ?

उत्तर – हाथी

प्रश्न 2: हाथी के बूढ़ा होने पर राजा उससे क्या काम लेता था ?

उत्तर – सवारी करने का काम।

प्रश्न 3: हाथी को तौलने की ज़रूरत क्यों आ पड़ी ?

उत्तर – राजा हाथी की तौल के बराबर सोना निर्धनों में बाँटना चाहता था।

प्रश्न 4: हाथी को तौलने में कौन सफल रहा ?

उत्तर – मछुआरा

लिखित

उत्तर लिखो

प्रश्न 1: एक बार राज्य में क्या समस्या आ गई ?

उत्तर : एक बार राज्य में काफी समय तक वर्षा न होने के कारण खाने- पीने की चीजों की कमी आ गई

प्रश्न 2: राज्य में अकाल पड़ने पर राजा ने क्या निश्चय किया ?

उत्तर - राजा ने निश्चय किया कि वह निर्धन लोगों में अपने प्रिय हाथी के वजन के बराबर सोना तौल कर बाँटेगा।

प्रश्न 3: राजा और मंत्री किस सोच-विचार में पड़ गए?

उत्तर: राजा और मंत्री इस सोच-विचार में पड़ गए की हाथी को तोला कैसे जाए। उन्हें कोई उप्पे नहीं सूझ रहा था

प्रश्न 4 : एक राजकर्मचारी क्या अच्छा समाचार लाया?

उत्तर- एक राजकर्मचारी यह अच्छा समाचार लाया कि एक निर्धन मछुआरा हाथी को तौलने का दावा कर रहा है।

प्रश्न 5: मछुआरे ने हाथी को तौलने के लिए किस काम में राजा की सहायता माँगी?

उत्तर- मछुआरे ने राजा से यह सहायता माँगी की उसका कर्मचारी एक बड़ी नाव बनाने में उसकी सहायता कर दें।

प्रश्न 6: मछुआरे ने नाव को कहाँ धकेला?

उत्तर: मछुआरे ने नाव को समुद्र में धकेला।

प्रश्न 7: क्या नाव से हाथी को तौला जा सका? यदि 'हाँ' तो कैसे?

उत्तर: हाँ, नाव से हाथी को तौला जा सका। हाथी को नाव पर चढ़ाया गया। नाव का कुछ भाग पानी में डूब गया। फिर हाथी को उतारकर नाव पर सोने से भरे थैले लगे गए। जब नाव निशान तक डूब गई तब हाथी तुल गया।

प्रश्न 8: तौलने के सिद्धांत को विज्ञान में क्या कहते हैं?

उत्तर: आर्कमिडीज का सिद्धांत।

सही उत्तर पर ठीक (✓) का निशान लगाओ

उत्तर – 1. (क) 2. (क) 3. (ग) 4. (क)

खाली जगह भरो

1. हाथी 2. वर्षा 3. तौला 4. नाव

किसने, किससे कहा ?

उत्तर 1: राजा ने राजकर्मचारी से कहा ।

उत्तर 2: मछुआरे ने राजा से कहा ।

उत्तर 3: राजा ने मछुआरे से कहा ।

उत्तर 4: मछुआरे ने राजा से कहा ।

लिंग बदलकर लिखें ।

(क) हाथी	-	हथिनी
(ख) घोड़ा	-	घोड़ी
(ग) मोर	-	मोरनी
(घ) मछुआरा	-	मछुआरिन
(ङ) माली	-	मालिन

हिंदी भाषा

विलोम शब्द

उलटे अर्थ वाले शब्द विपरीत या विलोम शब्द कहलाते हैं

दिन X रात	हार X जीत
अंदर X बाहर	खुशबू X बदबू
शांत X बाहर	गुण X अवगुण
एक X अनेक	उत्तर X दक्षिण
धूप X छाया	सरल X कठिन
जीवन X मृत्यु	जय X पराजय
परिश्रमी X आलसी	गोरा X काला
दोस्त X दुश्मन	आदर X अनादर
मौखिक X लिखित	भलाई X बुराई
चुस्त X सुस्त	स्वाधीन X पराधीन
उदय X अस्त	जड़ X चेतन

अभ्यास कार्य

उदय	X	अस्त
हार	X	जीत
शत्रु	X	मित्र
चुस्त	X	सुस्त
नया	X	पुराना

अनेकार्थक शब्द

जिन शब्दों के एक से अधिक अर्थ होते हैं उन्हें अनेकार्थक शब्द कहते हैं

वर्ण – रंग , अक्षर , जाति

आम – साधारण , एक, फल

तीर – किनारा , बाण

पर – पंख , लेकिन

फल – परिणाम, खानेवाला फल

उत्तर – दिशा का नाम, जवाब

पूर्व – पहले, दिशा का नाम

मत – वोट, नहीं

पात्र – बर्तन, नाटक का पात्र

कल – मशीन , बीता / आने वाला दिन

मगर - परंतु , मगरमच्छ

कर – हाथ , टैक्स

चोटी – पर्वत का शिखर , बालों की गुंथी लट

अभ्यास

नीचे दिए गए शब्दों के अलग अलग अर्थ लिखकर वाक्य में प्रयोग कीजिए

आम – एक फल _____

साधारण _____

उत्तर – दिशा का नाम _____

जवाब _____

मगर – परंतु _____

मगरमच्छ _____

फल – खानेवाला फल _____

परिणाम _____

वर्ण – रंग _____

जाति - _____

रंगीन शब्दों के अर्थ लिखिए

क. किनारा

बाण

ख. पंख

लेकिन

ग. माला

पराजय

घ. नहीं

	<p style="text-align: center;">वोट</p>
<p>ENGLISH</p>	<p>LANGUAGE</p> <p>Topic – Ch – 10 Degrees of Comparison Ch – 15 Preposition</p> <p>I.Fill in the blanks with the correct degree of comparison of the adjectives given in the brackets.</p> <ol style="list-style-type: none"> 1.Sumit was the _____ of the men. (noble) 2.Joy’s room is _____ than mine. (dirty) 3.My house is _____ to the school than yours.(near) 4.Sirius is the _____ star in the night sky. (bright) 5.Sourya is the _____ girl that I have ever met. (lively) 6.Udit was the _____ boy in the class.(naughty) 7.I have driven on _____ roads than this one. (narrow) <p>II.Choose the appropriate preposition from those given in the brackets.</p> <ol style="list-style-type: none"> 1.Last night, I studied _____ midnight. (by/until/since) 2.The cat ran _____ the house. (into/at/after) 3.The guests knocked _____ the door. (at/on/in) 4.The band performed _____ four hours. (in/since/for) 5.My mother told me to return _____ dark. (at/on/before) 6.You must finish your work _____ the time I return. (by/in/at) 7.I haven’t seen him _____ yesterday. (for/since/from) <p>Composition – My School (150 words)</p> <p>Note: All the above exercises to be done in English notebook.</p> <p>Comprehension – Pg – 127, GrammarLand book Comprehension 1 (To be done in GrammarLand book) Ch. – 10 Degrees of Comparison – Pg – 56,57 & 58 Ex-A, B, C,D &E. (To be done in GrammarLand book) Ch. – 15 Preposition – Pg – 90, 91, 92 & 93 Ex – A,B,C,D,E & F (To be done in GrammarLand book)</p> <p>LITERATURE</p> <p>Ch. – 4 The Story of Grace Darling. Read the chapter (English Access)</p> <p>Activity: Write 5 sentences about your hero/idol (Any one). You could write it from the perspective of normal everyday life.(To be done in the scrap book stick the picture of your hero/ idol .) Draw the picture of the chapter.</p> <p>Word bank.</p>

1. Farne Island
2. needlework
3. steamer
4. storm
5. flung
6. peered
7. reluctant
8. implications
9. violent
10. dreadful
11. pleaded
12. triumphed
13. remembrance

Synonyms:

1. peered – looked closely or carefully at something, especially when you cannot see it clearly
2. masts – a tall pole on a boat or ship that supports the sails
3. reluctant – hesitant before doing something because you do not want to it or because you are not sure that it is the right thing to do
4. implications – a possible effect or result of an action or a decision
5. relented – finally agreed to something after refusing
6. dashed – to bear against a surface

Antonyms:

1. night X day/light
2. busy X idle
3. danger X safety
4. brave X cowardly
5. strong X weak
6. tidy X untidy
7. violent X gentle
8. loud X quiet
9. scream X whisper
10. mighty X insignificant

Fill in the blanks

1. The steamer SS Forfarshire was stuck by disaster when her engines failed.
2. The crew abandoned the ship.
3. She won an award for her courage.
4. Grace and her mother tended to the injured.
5. Grace Darling became a national hero.

Write whether True or False.

- 1, Grace did not go to school. True
- 2, Grace Darling was not a strong brave young girl. False
- 3, The Darlings peered into the darkness and saw people clinging. True
- 4, Grace did not help her mother. False
- 5, Grace Darling will never be forgotten. True

Reference to the context

I. Grace's determination triumphed after she convinced him that they should at least try and begged her father not to refuse. And finally he relented.

1. Who is he in the above lines?
Ans. Grace's father.
2. Why was Grace convincing her father?
Ans. To save the men from drowning.
3. Did Grace's father finally agree?
Ans. Yes, he agreed to help the drowning men.

One word Answer

1. Who was the strong , brave young girl?
Ans. Grace Darling
2. Name the steamer which was travelling from Hull to Dundee?
Ans. SS Forfarshire.
3. Name the island on which Grace lived?
Ans. Farne Islands .
4. Apart from studies what did Grace do to keep herself busy?
Ans. Needlework..
5. What was the name of Grace's father?
Ans. William Darling.

Question/Answer

Q1. Who was Grace Darling?
Ans. Grace Darling was a young girl who lived with her family on one of the Farne Islands in the Longstone Lighthouse.

Q2. What was her everyday life like ?
Ans. Although Grace did not go to the school, she kept busy all day with her studies and needlework. She helped her mother in keeping the house clean and tidy and sometimes she would help her father to keep the lantern burning all the time.

Q3. What happened on the fateful day in September?
Ans. On 7 September 1838, a steamer SS Forfarshire, which was travelling from Hull to Dundee, was hit by a powerful storm. It was flung against the rock. The men were screaming and waving to the lighthouse for help.

Q4. How did Grace Darling help the people?
Ans. Grace pleaded with her father to help the shipwrecked crew. They set off in

the heavy light boat. Grace pulled one oar and her father the other. With her strength and skill, Grace bravely guided her boat straight towards the wreck through the fierce waves breaking against the boat. Grace and her mother tended to the injured. Grace proved to be as tender as a nurse just as she had been brave as a sailor.

Q5.What are the three heroic qualities that Grace Darling possessed?

Ans- Grace Darling possessed compassion , bravery and determination , strength and skill.

Make Sentences:

danger-

brave-

boat-

famous-

storm-

Jumbled Words:

cabk –

wdins-

ghtni –

afther –

leacn –

Identify the errors in the following sentences and rewrite correctly.

1.Grace’s father was a young man.

Grace’s father was an old man.

2.They set off in the light Lighthouse boat.

They set off in the heavy Lighthouse boat.

3.All this happened a short time ago.

All this happened a long time ago.

4.She lost an award for her courage.

She won an award for her courage.

5.Grace went to school.

Grace did not go to the school.

Note : All the above exercises to be done in English notebook.

SOCIAL STUDIES

1. Read the chapter and underline the difficult words and write them in the notebook.
2. Write the keywords along with there meanings in the note book.
3. Do the exercise: A. Tick the correct answer.
B. Write the meaning of the following.

Answer the following questions:

1. What is a constitution?

Ans. A constitution is a set of laws according to which a country is governed (ruled).

2. Who was the main architect of India?

Ans. Dr. B.R. Ambedkar was the main architect of India.

3. What are fundamental rights?

Ans. The Constitution of India has given us six fundamental rights and these rights of people are protected by the court of justice.

4. What are fundamental duties?

Ans. Our country has given us certain rights and duties to be followed by all citizens of our country. There are ten fundamental duties to be followed by all the citizens of India.

5. What are Directive Principles?

Ans. The Constitution of India has laid down some guidelines to the Government of India. These guidelines are called the Directive Principles of State Policy.

EXTRA QUESTIONS:

1. When India became independent?

Ans. India became independent on 15th August, 1947 from the British Rule.

2. Who was the President of the Constituent Assembly?

Ans. Dr. Rajendra Prasad was the President of the Constituent Assembly. He later on became the first President of India.

3. When did the Constitution of India come into effect?

Ans. The Constitution of India came into effect on 26th January, 1950.

4. Which is the largest written Constitution in the world?

Ans. The Constitution of India is the largest written constitution in the world.

5. Write down all the six fundamental rights.

Ans. The six fundamental rights are given below:

- Right to equality
- Right to freedom
- Right to freedom of religion
- Right against exploitation
- Cultural and Educational Rights
- Right to Constitutional Remedies

6. Write all the ten fundamental duties.

Ans. The ten fundamental duties are as follows:

- Follow the Constitution of India.
- Respect our national anthem and national flag.
- Respect our heritage and culture.
- Take care of public property.
- Avoid any acts of violence.

	<ul style="list-style-type: none"> • Protect the unity of our country. • Help our government. • Live in harmony. • Try to improve our natural environment. • Achieve excellence in whatever we do. <p>7. Write down all the six points of the Directive Principles of State Policy.</p> <p>Ans. The six points of the Directive Principles of State Policy are listed below:</p> <ul style="list-style-type: none"> • Make sure that everyone can earn a livelihood. • Ensure that the rich are not exploiting the poor. • Pay equally for equal work to men and women. • Ensure that every child gets free and compulsory education. • Protect historical monuments. • Ensure that people have proper living conditions.
<p>COMPUTER</p>	<p><u>Chapter 7 : More with Scratch</u></p> <ul style="list-style-type: none"> ➤ Read the chapter carefully and learn and write all the tech terms given on page number 90, in your notebook. ➤ Do all the objective type questions (Fill in the blanks, True or False & Choose the correct option) given in page no. 91 & 92, in your notebook. <p><u>DESCRIPTIVE TYPE QUESTIONS:</u></p> <p>1. Name the block used to change the color of the sprite. In which block descriptions is it present?</p> <p><i>Ans. The change effect block is used to change the color of the sprite. It is present in the Looks category of Block Descriptions</i></p> <p>2. Which block is used to execute the programming code 10 times?</p> <p><i>Ans. The repeat block is used to execute the programming code for any given number of times.</i></p> <p>3. What is the use of the Green Flag and Stop button (on the upper-right corner of the Stage)?</p> <p><i>Ans. The Green Flag is used to start the execution of a Scratch project and the Stop button is used to stop the execution of a Scratch project.</i></p> <p>4. Write any two blocks present in the Control category of Block Descriptions.</p> <p><i>Ans. The when flag clicked block under the Control category is used to run the programming code when the Green Flag is clicked. The when key pressed block under the Control category is used to run the programming code when a given key is pressed.</i></p> <p>5. How can you change the key in when key pressed block?</p> <p><i>Ans. We can change the key in when key pressed block by clicking the drop-down arrow in</i></p>

the block and selecting the key.

APPLICATION BASED QUESTIONS:

- a. Which of the following blocks should Mridul use so that a group of commands is executed 20 times? How can the value be edited in the text box?
 Ans. i. repeat 10, to edit the value click on the box with the value 10 and change it to 20.
- b. Reuben has to make a project in which the execution of the code should halt for 1 second. Which block should he use for this task?
 Ans. The **wait** block

GK

GENERAL KNOWLEDGE

Well- known IDIOMS (pg no. 39)

1. I can't afford this purse! It **costs an arm and a leg**. I won't be able to pay my rent! (something is very expensive)
2. His birthday was supposed to be a surprise! I can't believe you **let the cat out of the bag**. Now he knows! (to accidentally reveal a secret)
3. Ha! John has been promising to paint the house for five years. May be when **pigs fly**. (something that will never happen)
4. Yeah, it'll **kill two birds with one stone**. I need to sign some papers at Jenny's school anyway so i'll pick her up for you too.(to solve two problems at once)
5. I don't really like going out to McDonalds anymore. I only go **once in a blue moon**. (an event that happens very rarely)
6. I'm sorry I can't come to work today. I'm **under the weather**. I have a sore throat and runny nose. (to not feel well)
7. They tried **cutting corners** when installing the pipes for the house and now we have leaks only one month after purchasing it! (to do something badly or cheaply)
8. I can't wait to see you perform on stage tonight! **Break a leg!** (good luck)

Judge Yourself (pg. No. 53)

1.		Mistake	Correct Word
b.	his minister and say him	Say	told
c.	that I wanted the length and	wanted	want
d.	and breadth from the earth	from	of
e.	measured. He also feel the	feel	felt

f.	need to have the stars on the	On	in
g.	sky counted. The minister say	Say	said
h.	that the task he have been	have	had
i.	set being impossible.	being	was

2. Fill in the blanks with the right word from the options.

- a. The auditorium was decorated with buntings.
- b. Chairs were neatly arranged in rows for the invitees.
- c. The dais has a beautiful back drop.
- d. The principal escorted the chief guest to the stage.
- e. When they all occupied their seats two girls sang the prayer.

Read it to know it(pg no. 62)

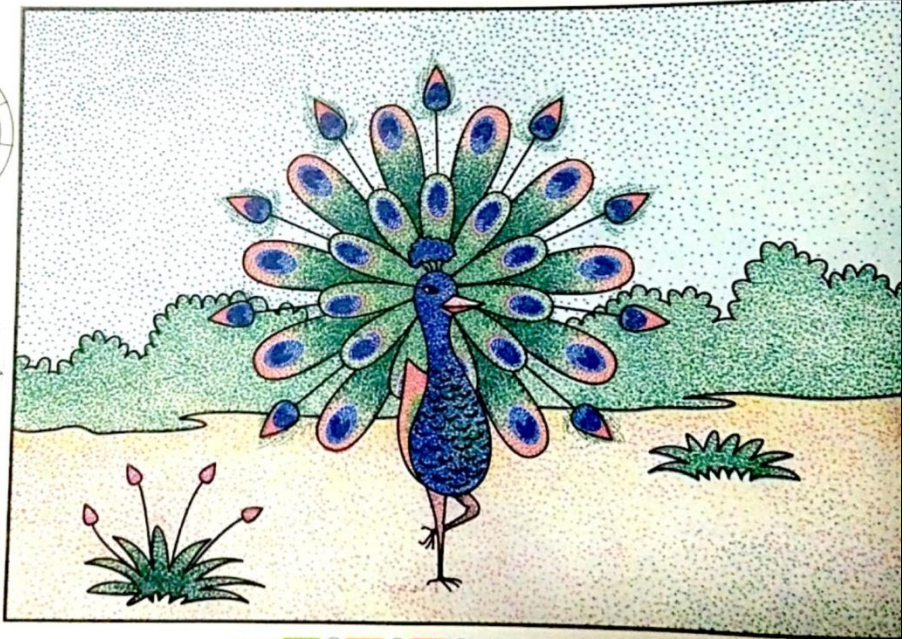
1. She's the author of the book Harry Potter and the philosopher's stone followed by its series of 7 books.
Ans. **J. K. Rowling**
2. He wrote the famous fiction children's film "The Jungle Book".
Ans. **Rudyard Kipling**
3. He is the author of the book "Oliver Twist"- a story of an Orphan Boy.
Ans. **Charles Dickens**
4. She wrote the all-time classic, "Little women", which is loosely based on her own life and her sisters.
Ans. **Louisa May Alcott**
5. He is the author of the book "The Chronicles of Narnia" followed by a series with 7 parts.
Ans. **C.S. Lewis**
6. He wrote one of the best - selling children's book of all time, "The cat in the hat" under the pen name of Dr. Seuss.
Ans. **Theodor Geisel**

Current Affairs

1. Who won the women's single BWF world champion ship 2019?
Ans. P.V.Sindhu
2. Which actor has got the Best Actor Award at the 66th National Film Award 2019?
Ans. Ayushmann Khurrana and Vicky Kaushal
3. Who is the Finance Minister of India?
Ans. Nirmala Sitaraman
4. On which day is the public curfew "Janta curfew" imposed due to

	<p>corona virus? Ans. 22 March 2020</p> <p>5. The theme of 2019” National Science Day” was Ans. People and people for science.</p>
DRAWING	<p>Topic - PEACOCK Work to be done : Complete page 23 as per instruction given in your drawing book.</p>

PEACOCK

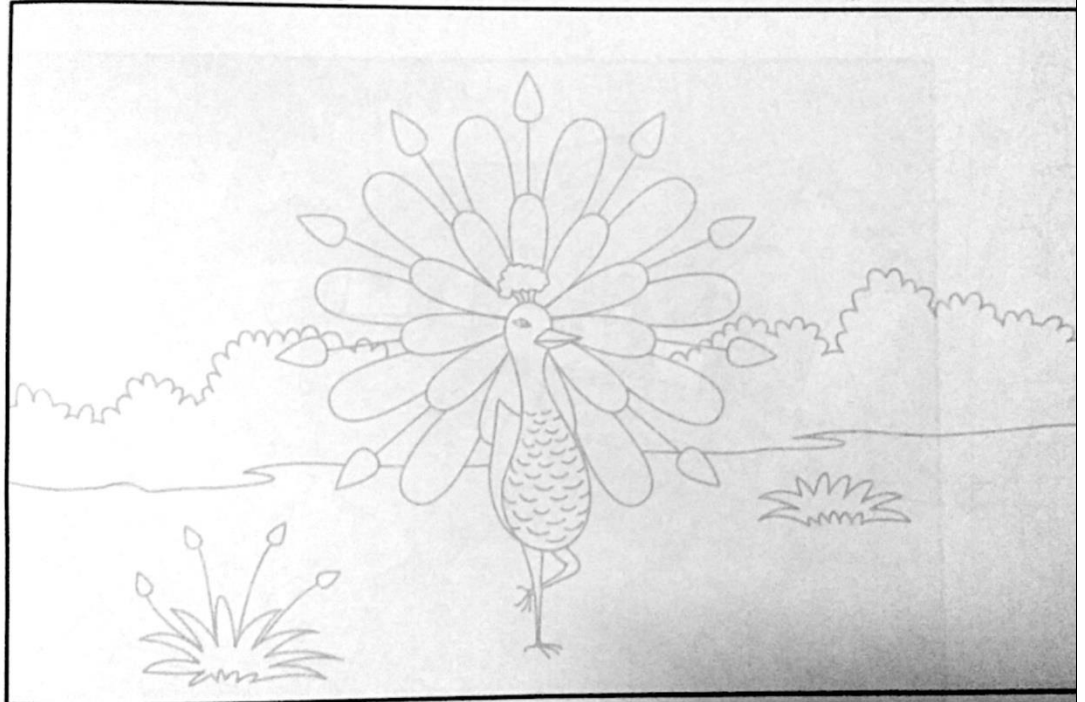
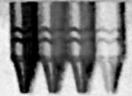


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REMARKS

Teacher's Signature _____

Using a black felt pen, draw the outline of the picture. Colour it with felt pens using the stippling technique as shown on the adjoining page.



Teacher's Signature _____

REMARKS

The Art of Drawing and Colouring

Dr.Rachana Nair
Director Academics