



MODERNAGE

ABBOTTABAD - PAKISTAN

A place to flourish, thrive & shine

WINTER HOMEWORK



Grade IV



Website: www.maps.edu.pk

Modernage Public School & College, Abbottabad
Homework for Winter Break Class Four
Session 2024 – 25

Dear Parents/Guardians

Finally, Winter is here, signaling the end of the Academic session 2023 and start of a winter break.

We take great pleasure in announcing the successful culmination of the academic session 2023. Observing the continuous development and advancement of your child has been a source of immense satisfaction. To foster ongoing engagement with education during the holiday period, we are providing a comprehensive work pack comprising a multitude of enjoyable tasks and intellectually stimulating activities. Thank you for being an integral partner in your child's education. We eagerly anticipate another year of mutual growth and learning.

Dear Modernites!

Reflect on the achievements and lessons learned during the previous academic session. Complete the assigned exercises in your respective subjects, embracing the knowledge gained. Take a moment to chill and recharge during this winter break. Use the new year as a fresh start for academic goals and personal growth. Ensure neatness and organization in your work. We hope that you have cheerful and safe Winter vacation with your families.

The school will remain closed for winter vacation from **Sun, 24th December, 2023 till Sun 03rd March, 2024** and reopen on **Mon 04th March, 2024 In Sha Allah.**

Submit the completed assignment till 10th March 2024.

Looking forward to your cooperation. A copy of this homework is also available at the official webpage www.maps.edu.pk, the portal and app of Modernage.

Best Regards

Academic Coordinator

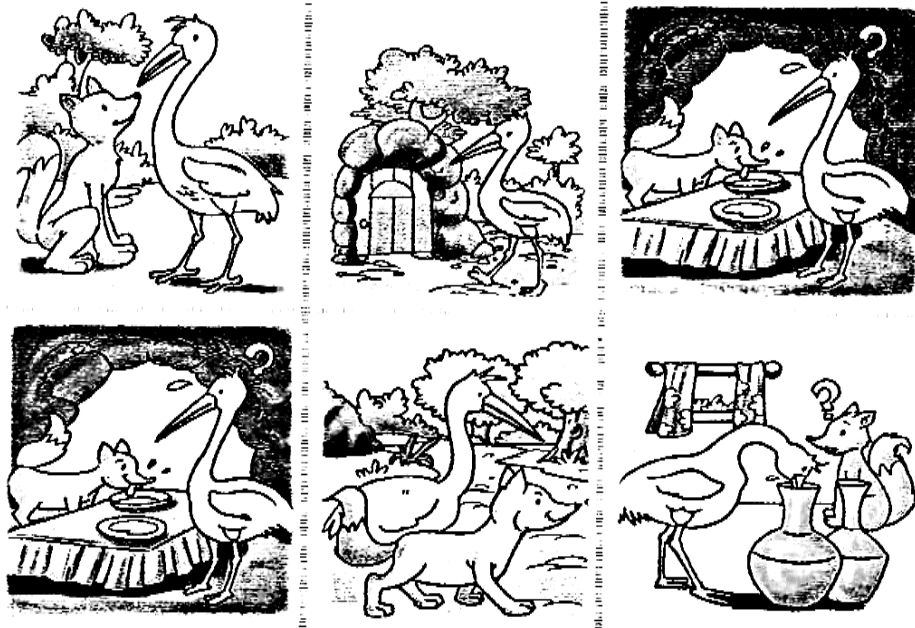
Happy New Year.

Note: Certificates will be awarded for extra ordinary efforts and complete homework. Each task carries 10 marks. Please use loose sheets for your assignments.

Note for the Students:

1. Read at least 2 story books of English and Urdu to enhance the reading skills and write the central idea and review of them. Write at least 50 new words from the story books that you have read.
2. Recite any poem with action from your book, make a video and share with your teacher.
3. Learn and write multiplication tables from 2 – 14 up to 12 times. Write each table 3 times on loose sheets.
4. Take a few pictures from newspapers or magazines, about environmental issues. Cut and paste those pictures on blank sheets. Write suggestions about what will be your contribution towards resolving those issues.
5. Make sure to write one page in cursive every day. Learn the basic strokes using the link provided. https://youtu.be/6W4cfuvwsg0?si=LsubKr_viBn1CQPX

1. Take a cutting of any news report or story from any English newspaper or magazine. Paste it in your homework folder and underline parts of speech by using different colours. (noun, pronoun, adjective, verb, adverb, preposition, conjunction)
2. Read any one book by Roald Dahl and write its summary. Bring the book to class after the vacation and discuss your favourite part with the class.
3. Write down a story based on the following pictures. Give a title to the story and write its moral.



4. ‘Storytelling is the most powerful way to put ideas into the world today.’ You could have some pleasurable time reading online during the vacation. Visit these sites to listen to stories online.

www.storybee.org

www.stornory.com

Make a video of yourself narrating a story you like the most with intonation and share with your English teacher. (You can use props as well).

5. Suppose it is your mother’s birthday next week. How can you make it memorable for her? What planning will you do? Write about 150 to 200 words.
6. Write a letter to your teacher. Describe something you enjoyed learning about in the year 2023.
7. Learn spellings of all the words given in the spelling bee list and make sentences of any 20 words from it.

8. Write words in the given blanks. They all begin with the letter n.
- The eleventh month of the year. _____
 - It is part of pen. _____
 - Where a bird lays its eggs. _____
 - It is used to catch fish. _____
 - Opposite of wide. _____
 - Bees gather it from flowers. _____
 - A planet in our Solar System. _____
 - It is used for sewing. _____
 - Photographs are developed from these. _____
 - Very dark blue. _____
9. Do you ever feel disturbed about something? Do you trust someone enough to share your concerns with him or her? How do they help you?
Do you feel better after talking to someone about your problem?
10. Think about a story book you read recently. While reading, you got so absorbed in the story that you actually became one of the characters of the book.
- Write about how you cope with it.
 - Which character do you turn into?
 - What adventures or misadventures do you have?
 - How do you come back from that situation?
11. Look at the picture carefully and describe it.



12. Make your own mini dictionary.
Take a storybook. Find fifty words that are difficult for you to read or understand. Note them on your dictionary. Also find the meanings of these words.
13. Listen to the English news on TV daily from Monday to Friday and write about at least 3 news that you have heard in your own words.

Spelling Bee List

Learn the following words by heart.

A			
1. anxious	41. devotion	82. gamble	123. junction
2. avalanche	42. disbelief	83. garbage	124. journal
3. address	43. discount	84. gathering	125. Jupiter
4. admiral	44. defile	85. generosity	126. justify
5. ancient	45. dolphin	86. gestures	K
6. appropriate	46. dump	87. gill	127. kingdom
7. aspiration	47. dynasty	88. ginger	128. known
8. astronomy	E		129. kingfisher
9. atmospheric	48. earthquake	89. gleamed	130. kidney
10. avoidance	49. eclipse	90. global	131. kinetic
11. awakening	50. efficient	91. gorgeous	132. kidnap
B			
12. bachelor	51. electricity	92. graduation	133. killed
13. bacteria	52. embarrass	93. gratitude	L
14. barren	53. encourage	94. graveyard	134. label
15. bruise	54. escaped	95. grinding	135. laboratory
16. bestow	55. estimated	96. grip	136. labour
17. biography	56. exchange	97. guide	137. language
18. bilingual	57. excited	98. gym	138. leather
19. borrow	58. expert	H	
20. bother	F		139. lecture
21. bouquet	59. fabric	100. haunt	140. license
22. boyhood	60. fabulous	101. herd	141. lightning
23. brief	61. factories	102. hesitate	142. loaf
24. budget	62. factual	103. hilarious	143. lubricate
25. business	63. fascinate	104. hollow	144. luggage
C			
26. caliphate	64. feather	105. honour	145. luxury
27. campaign	65. festival	106. horrible	M
28. charcoal	66. figures	107. hospitality	146. machine
29. catastrophic	67. filament	108. herd	147. magazine
30. collapse	68. flourished	I	
31. compensate	69. formative	109. identical	148. magnetic
32. cumin	70. fortune	110. imagine	149. magnificent
33. consequence	71. fossils	111. impairment	150. magnify
34. courage	72. famine	112. incompetent	151. majestic
35. criticize	73. fete	113. individual	152. managed
36. cylinder	74. frankly	114. infectious	153. manual
D			
37. dromedary	75. friendship	115. inference	154. miniature
38. Disclose	76. frightening	116. inquire	155. mechanic
39. delight	77. furious	117. invalid	156. microscope
40. democracy	78. furnace	118. ivory	157. mirage
	79. future	J	
	G		158. motivation
	80. galaxy	119. jackal	159. muscles
	81. gallops	120. jeans	160. museum
		121. jewellery	N
		122. judgment	161. nasal
			162. nectar

Class: IV**Subject: English**

163.	nobility	199.	provincial	234.	stolen	270.	useful
164.	numb	200.	plead	235.	stomach	271.	utensils
165.	nutrition	201.	pyramid	236.	specialist		V
166.	nuisance		Q	237.	strike	272.	victim
	O	202.	quadrilateral	238.	stroke	273.	vague
167.	oasis	203.	quad bike	239.	structure	274.	vulture
168.	obeying	204.	questionnaire	240.	suffering	275.	versus
169.	obvious	205.	queue	241.	sustain	276.	violin
170.	occasion	206.	quiver	242.	swallow	277.	visibility
171.	offence	207.	quota	243.	switch	278.	vital
172.	onward		R	244.	symbol		W
173.	oppressive	208.	railway	245.	synonyms		
174.	organic	209.	rattlesnake	246.	systematic	279.	Wag
175.	overwhelming	210.	rabies		T	280.	Warri
176.	owing	211.	recommend	247.	tapping		or
177.	oxygen	212.	reliable	248.	temperate	281.	Wings
	P	213.	religion	249.	terracotta		pan
178.	packaging	214.	resourceful	250.	thrilled		X
179.	possession	215.	revolution	251.	tile	282.	Xavier
180.	parallel	216.	router	252.	thunder	283.	xenon
181.	passenger	217.	rotation	253.	tissues	284.	x-mas
182.	peaceful	218.	responder	254.	tragic	285.	x-ray
183.	peasant		S	255.	transparent		Y
184.	pebbles	219.	seize	256.	tribute	286.	yeast
185.	perfection	220.	shuttle	257.	triplet	287.	yelled
186.	pessimistic	221.	scene	258.	trunk	288.	yoghurt
187.	pigment	222.	season		U	289.	yolk
188.	pinkish	223.	secret	259.	unicorn	290.	youngster
189.	pioneer	224.	shocked	260.	unaware	291.	yummy
190.	plantation	225.	siren	261.	unchained		Z
191.	pollinate	226.	situation	262.	uncomfortable	292.	zeal
192.	potted	227.	slope	263.	unhappy	293.	zest
193.	prediction	228.	slough	264.	united	294.	zigzag
194.	prevent	229.	smog	265.	universal	295.	zone
195.	prevention	230.	spine	266.	unisex		
196.	probably	231.	spiral	267.	unlike		
197.	process	232.	sprinkle	268.	unload		
198.	product	233.	squeezed	269.	urban		

- سوال نمبر ۱۔ ہمارے لیے سب سے بڑی نعمت ہمارے والدین ہیں۔ اس موضوع پر ایک پیرا گراف لکھیں۔
- سوال نمبر ۲۔ سیرت نبی سے نبی ﷺ کا بچوں سے محبت و شفقت کا کوئی واقعہ تحریر کریں۔
- سوال نمبر ۳۔ اپنے صوبے کے بارے میں ایک معلوماتی پیرا گراف لکھیں۔
- سوال نمبر ۴۔ اللہ تعالیٰ کی عطا کردہ پانچ نعمتوں کے نام اور ان کی ضرورت و اہمیت کے بارے میں لکھیں۔
- سوال نمبر ۵۔ ایفائے عہد کے موضوع پر ایک اخلاقی کہانی لکھیں۔
- سوال نمبر ۶۔ آپ کا پسندیدہ پیشہ کون سا ہے اور کیوں؟ اس پیشے کی معاشرے میں کیا اہمیت ہے۔
- سوال نمبر ۷۔ ذرائع ابلاغ میں سے کسی ایک ذریعے کی تصویر اپنی کاپی پر چسپاں کریں۔
- سوال نمبر ۸۔ اپنے پسندیدہ کسی قدرتی منظر کے بارے میں دس جملوں پر مبنی ایک پیرا گراف لکھیں۔
- سوال نمبر ۹۔ قومی ترانہ لکھیں اور زبانی یاد کریں۔
- سوال نمبر ۱۰۔ دیا گیا گوشوارہ مثال کے مطابق مکمل کیجیے۔

فعلِ ماضی	فعلِ حال	فعلِ مستقبل
ثوبیہ نے خط لکھا تھا۔	ثوبیہ خط لکھتی ہے۔	ثوبیہ خط لکھے گی۔
	بندر شور مچا رہا ہے۔	
		اُمی جان کپڑے دھوئیں گی۔
ایمان بازار گئی تھی۔		
	میں پودوں کو پانی دیتا ہوں۔	
بلی چُو ہے کے پیچھے بھاگی تھی۔		

سوال نمبر ۱۱۔ دیے گئے حروف کے ساتھ پانچ حرفی یا چھ حرفی الفاظ تحریر کریں (کم از کم تین)۔

			ب
			ت
			ج
			د
			ر
			ص
			ظ

سوال نمبر ۱۲۔ اعداد اور الفاظ کی مدد سے خالی جگہ پر کیجیے۔

- ۱۔ میرے پاس _____ (۶) قلم ہیں اور آٹھ (____) پنسلیں ہیں۔
- ۲۔ درختوں کے جھنڈ میں بارہ (____) آم اور _____ (۱۳) کینو کے درخت ہیں۔
- ۳۔ جماعت میں _____ (۱۶) میزیں اور _____ (۲۰) کرسیاں ہیں۔
- ۴۔ نوکرنے _____ (۲۳) روپے کی دال اور پچیس (____) روپے کا آٹا خریدا۔
- ۵۔ علی نے _____ (۱۴) روپے کے بسکٹ اور _____ (۲۷) روپے کے آم خریدے۔
- ۶۔ میں نے دعوت کے لیے تیس (____) سمو سے اور _____ (۳۲) رول منگوائے تھے۔
- ۷۔ الماری میں گیارہ (____) شلواریں اور _____ (۱۵) قمیصیں ہیں۔
- ۸۔ آج میں نے بیالیس (____) اور چھیالیس (____) لکھنا سیکھا۔
- ۹۔ درخت پر _____ (۴۷) سیب لٹک رہے ہیں۔
- ۱۰۔ فروری کے مہینے میں _____ (۲۸) دن ہوتے ہیں۔

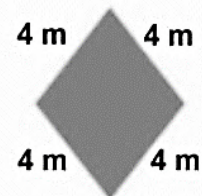
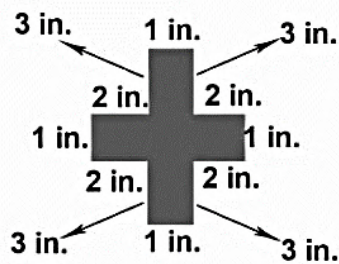
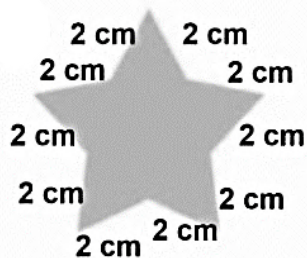
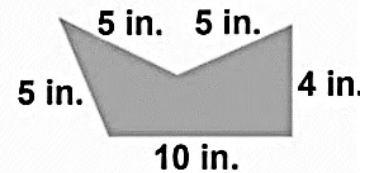
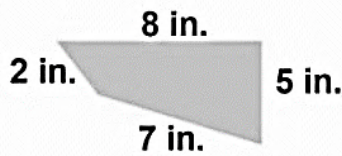
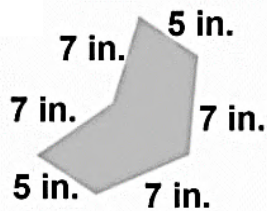
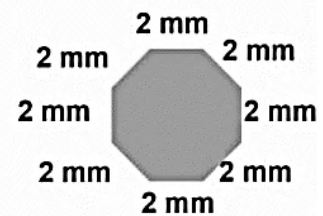
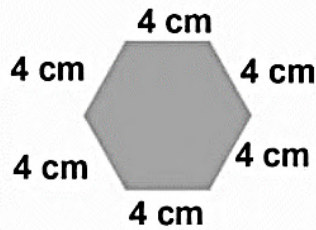
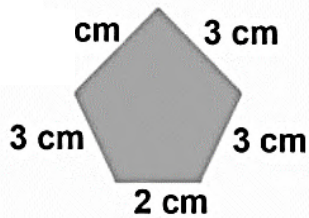
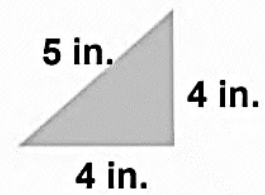
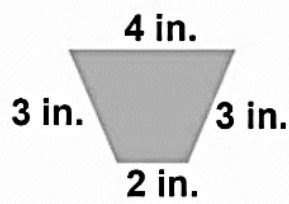
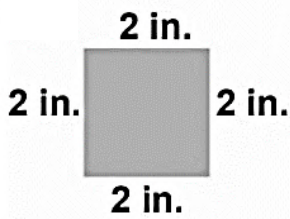
1. Define the following terms. Also give 5 examples of each:
 - a) Factors
 - b) Multiples
 - c) prime numbers
 - d) composite numbers
 - e) Coprime numbers
2. Write and learn the divisibility rules of: 2, 3, 4, 5, 6, 7, 8 and 9 with examples and give reasons.
3. Find the factors by prime factorization method of the following:
 - a) 520
 - b) 320
 - c) 96
 - d) 128
 - e) 900
 - f) 1024
4. Do 10 questions of addition and subtraction of unlike fractions.
(Reference: Textbook of grade 4, Exe # 3c)
5. Do 10 questions of multiplication and division of unlike fractions.
(Reference: Textbook of grade 4, Exe # 3d)
6. Construct the place value chart of decimal number and also give at least 10 examples along their place values.
7. Do 20 questions of addition, subtraction, multiplication and division of decimal numbers.
(Reference: Textbook of grade 4, Exe # 4c)
8. Find perimeter and area of each of the following rectangles.
 - a) L=7 cm, B=6 cm
 - b) L=12 cm, B= 5 cm
 - c) L=16 cm, B= 11 cm
9. Write definition of: acute angle, right angle, obtuse angle, straight angle, reflex angle and full angle and also draw 5 angles with each category.
10. Do as directed:
 - i. Round 5729 to the nearest thousand.
 - ii. The numbers in this magic square add up to 21 in each direction. Fill in the missing numbers.

6		
	7	2
		8
 - iii. Fill in the missing numbers. 3, 5, 8, 12, 17, _____
 - iv. Kamil is taller than Musa but shorter than Laila. Who is the shortest?
 - v. Write the difference between the two prime numbers given below.
21, 23, 27, 29 _____
 - vi. Write $\frac{6}{18}$ in its lowest terms. _____
 - vii. Round 5496 to the nearest 10.
 - viii. The sum of three numbers is 40. If two of the numbers are 7 and 9, what is the third number?
 - ix. Which number sentence is correct?
 - a) $5 \times 3 < 15$
 - b) $20 < 7 \times 3$
 - c) $16 < 4 \times 3$
 - x. Which number is eight thousand and ten?
 - a) 8100
 - b) 8010
 - c) 8001
 - xi. How many faces has a cuboid?
 - a) 4
 - b) 5
 - c) 6
 - xii. A minibus can carry 8 children. How many children can 7 minibuses carry?
 - a) 48
 - b) 56
 - c) 63
 - xiii. Tick the composite number.
 - a) 13
 - b) 15
 - c) 17

11. Fill in the blanks:

- i. _____ \times 9 = 36
- ii. _____ \times 6 = 42
- iii. _____ \div 3 = 9
- iv. _____ \div 9 = 8
- v. _____ \div 9 = 5
- vi. 3000 600 + 7 = _____
- vii. 100 - (3 \times 15) = _____
- viii. 30g \times _____ = 300 kg
- ix. 700 - 80 = _____

12. Add the lengths of the sides to find the perimeters.



- سوال نمبر ۱: عیدین کے معاشرتی فوائد بیان کریں۔
- سوال نمبر ۲: ختم نبوت پر نوٹ لکھیں۔
- سوال نمبر ۳: مصارف زکوٰۃ لکھیں۔
- سوال نمبر ۴: اطاعت رسول کی اہمیت بیان کریں۔
- سوال نمبر ۵: سفر معراج کا واقعہ تفصیل سے بیان کریں۔
- سوال نمبر ۶: حضرت عمر فاروق رضی اللہ تعالیٰ عنہ کا تعارف مکمل کریں۔

۱۔ حضرت عمر کا پورا نام

۲۔ حضرت عمر فاروق کا خاندان

۳۔ والد کا نام

۴۔ والدہ کا نام

۵۔ بہن کا نام

۶۔ حضرت عمر کا لقب

۷۔ مسلمانوں کے خلیفہ

۸۔ خوبیاں

۹۔ خلافت کی مدت

۱۰۔ شہادت

سوال نمبر ۷۔ بیانات کو درست ترتیب دے کر نزول وحی کا واقعہ مکمل کریں۔

- ۱۔ حضرت خدیجہ رضی اللہ تعالیٰ عنہا نے آپ ﷺ کو چادر اوڑھادی
- ۲۔ آپ ﷺ غارِ حرا کے اندر عبادت میں مشغول تھے کہ اللہ تعالیٰ کی طرف سے ایک فرشتہ آیا۔
- ۳۔ اس فرشتے نے آپ ﷺ کو پکڑ کر زور سے دبایا اور کہا: پڑھیے!
- ۴۔ آپ ﷺ نے فرمایا: میں پڑھا ہوا نہیں ہوں
- ۵۔ اسی حالت میں آپ ﷺ گھر آئے اور حضرت خدیجہ رضی اللہ تعالیٰ عنہا سے فرمایا: مجھے چادر اوڑھا دو۔
- ۶۔ ایسا تین مرتبہ ہوا۔ اس کے بعد سورۃ العلق کی پہلی آیات نازل ہوئیں۔
- ۷۔ فرشتے کی اچانک آمد اور وحی کی عظمت و ہیبت کی وجہ سے آپ ﷺ کا جسم مبارک کانپنے لگا۔

سوال نمبر ۹۔ حقوق العباد کے حوالے سے درج ذیل کا ایک ایک حق بیان کریں۔

۱.	والدین کے حقوق
۲.	اولاد کے حقوق
۳.	اساتذہ کے حقوق
۴.	پڑوسیوں کے حقوق
۵.	رشتہ داروں کے حقوق

1. Explore the concept of renewable energy sources. Discuss different types of renewable energy and their benefits.
2. Human body is made of different kinds of muscles. Name the major muscles of human body and explain their function.
3. Visit your favorite hill station and search out different flora and fauna living there. How animals and plants survive in the cold weather?
Note: take pictures and make a small album of pictures.
4. Make a circuit project using wires and battery (Open and close circuit).
5. Write down the major advantages and disadvantages of friction
6. Write the concept of magnetism. How do magnets attract or repel objects?
7. What are the effects of deforestation on our environment? How does the loss of forests impact plant and animal species?
8. What is the importance of the Sun in our solar system? How does it impact the Earth?
9. Prepare the season chart like the one given below.

Seasons	Duration (Months)	Food /Drinks of this season	Type of Clothing in this season	Weather	Two activities people enjoy in this season
Spring					
Summer					
Winter					
Autumn					


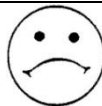
10. Write short answers of these questions:

- i. What is the age of the Earth?
- ii. Which planet of the solar system has life?
- iii. Which gas is necessary for life?
- iv. What is revolution?
- v. What is rotation?
- vi. What is an orbit
- vii. What is a planet?
- viii. What is an axis?
- ix. What are the three layers of the Earth?
- x. What are the three parts of the Earth that are visible from space?
- xi. Define the following.
 - i. Atmosphere
 - ii. Hydrosphere
 - iii. Lithosphere
- xii. What is equator?

1. The north polar region is called the Arctic and the south polar region is called the Antarctic. Read the world map. Find out countries included in these regions and write about animals living in these regions and tell how are they adapted to the cold environments.
2. Write the names of any 10 famous Masaajids (mosques) of Pakistan.
3. Collage work. Assemble images or pictures of individuals like Muhammad Ali Jinnah, Allama Iqbal, Liaquat Ali Khan, and others who played significant roles in Pakistan's formation, arrange them in the outline of Pakistan's map.
4. Research and explore the three main branches of the Pakistani government: Executive, Legislative, and Judicial, and write details in three columns.
5. Write short reports on how winter affects different industries in Pakistan. You can explore agriculture, tourism, or seasonal businesses impacted by the winter season.
6. Write down the information about the following countries given below.

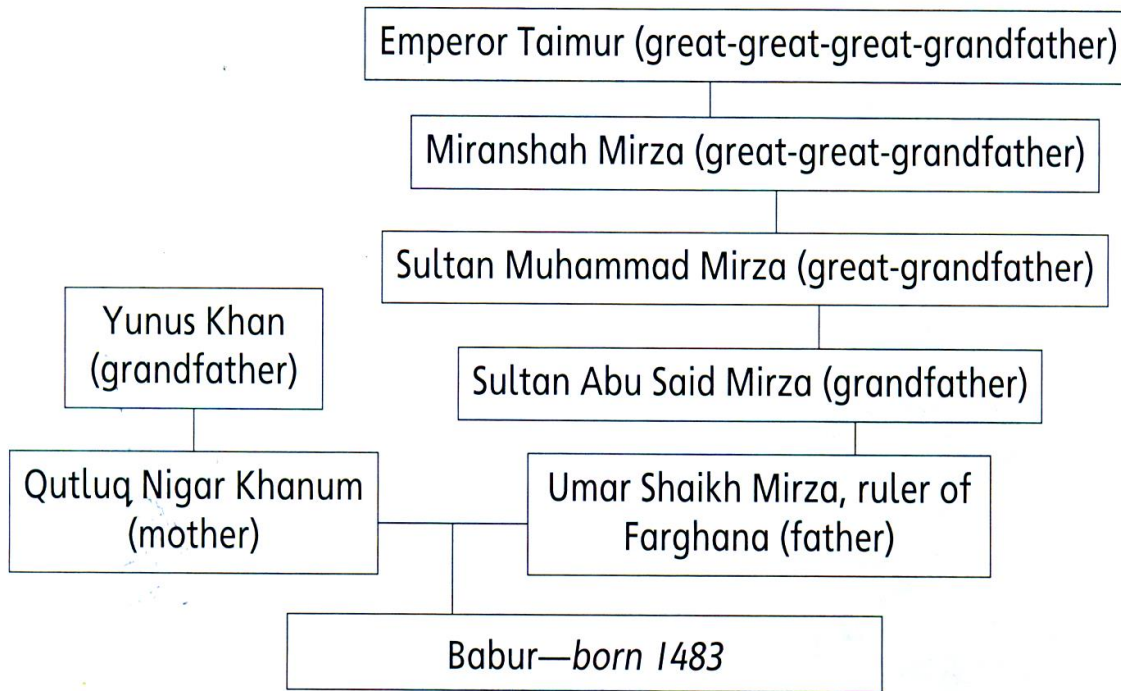
Country	Capital	Currency	Important places
Spain			
Saudia Arabia			
Oman			
China			
Canada			
U.S.A			
U.K			
Kuwait			

7. Complete the chart given below.
 - i. Write what is good about each invention.
 - ii. Write what is bad about each invention.

Invention	Good 	Bad 
Electricity		
Phone		
Car		
Camera		
Television		

8. Babur-The First Mughal Emperor

Use Babur’s family tree to help you to fill in the missing words.



- i. Babur was born in the year _____
- ii. The name of Babur’s father was _____
- iii. Babur’s father was the son of _____
- iv. The name of Babur’s mother was _____
- v. Babur’s mother was the daughter of _____
- vi. Babur’s great-grandfather was _____
- vii. Write Babur’s family name. _____

9. Fill in the blanks.

- i. We see objects because _____
- ii. Light is a form of _____
- iii. Light can even travel through _____
- iv. The speed of light is _____
- v. Light travels in _____
- vi. The bouncing back of light is called _____
- vii. Objects that give off light are called _____
- viii. A laser beam gives out _____
- ix. The image of an object formed in a plane mirror is _____
- x. Moonlight is actually sunlight which is _____

1. Mishaal has written an application to the school principal for five days leave. Her teacher has asked her to replace certain words in the application with a similar meaning.
 - i. Name the feature of Word 2013 that she can use to replace the words with their synonyms.
 - ii. Name the tab and the group that have the required option.
2. Herman has to create a table in Word 2013 giving the names of the books prescribed for class IV. He also has to include details about the authors and publishers for the books. Can you help him in the task?
3. The Science teacher has given a task to the students of Class IV to make a presentation on 'Healthy Food'. Add a theme to all the slides of the presentation. The presentation should consist of 5 slides.
4. Farhan has learnt about different types of nouns in his English class. He has to make a presentation on this topic and explain each type of noun by giving examples. Help him create the presentation

1. Write the first Kalma by using the technique of calligraphy.
2. Home Painting: Use paints and canvases or sturdy paper to paint your ideal winter home, focusing on details like snowy landscapes, chimneys with smoke, or warm lights shining through windows.