## American Lycetuff Ring Road Campus

# SUMMER VACATION 

 HOMEWORK PACKCLASS IV
Subjects:
$>$ English
$>$ Science
$>$ Mathematics
$>$ Computer
$>$ S.Studies
$>$ Urdu
$>$ Islamiyat
Name: $\qquad$


## GENERAL INSTRUCTIONS FOR PARENTS

Please follow these instructions while getting this vacation work done by your kids;

1- This pack shall cover the syllabus for the months of April and May with daily/weekly breakdown.

2- Daily diary for this breakdown will be uploaded on EDN Parent App for your support.
3- Students will have to complete Homework task on given dates as per daily diary.
4- Daily completion of Homework shall enable student to follow the routine.
5- You are requested to only guide the children to complete the task.
6- Please ensure the Homework is neat and tidy. Use Rough notebooks for practice work.
7- Final date for the submission of work is subjected to the Re-open of Schools as per government directives.

8- Total (10) marks have been allocated for completion of Homework from Grade 1 to 9, as per followings:
a. Neatness:
(02) Marks
b. Completion and accuracy:
(06) Marks
c. Handwriting:
(02) Marks

## Stay Safe!

## Best Regards, Principal



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## UNIT 2 LESSON 1

All answers are highlighted in grey.
Suggestions and answers
1 Read the dialogue and answer the question.
I. Tell the children to look at the pictures on page 8.
2. Get them to tell you what they can see in the picture (Harry is mending his bike; Dan is playing basketball). Don't correct language mistakes here.
They are going to play basketball on Saturday. Harry is going to do some work on Sunday.
2 What are Dan and Harry doing / going to do this week?
On Saturday, Dan is playing in a basketball match.
On Monday, he is going swimming with Pete.
On Tuesday, he is playing football.
On Wednesday, he is going shopping with
Alan. On Saturday, he is having a party!
On Saturday, Harry is going to revise for a test.
On Monday, he is going to help Dad clean the car.
On Tuesday, he is going to help Grandpa with the gardening.
On Wednesday, he is going (to go) to the school library.
On Saturday, he is going to write the football match report.
UNIT 2 LESSON 2
Suggestions and answers
1 Fill in the blanks with 'should' or 'shouldn't' and connect the sentences to the pictures.
I. Tell the children to look at the pictures. To revise some of the keywords, help the children to tell you what is happening in each picture e.g. A hunter with a gun is about to shoot a deer. A man with a big machine is destroying an old building.

1. We shouldn't kill wild animals.

We should protect them.
2. We shouldn't cut down trees.

We should plant lots of young trees.
3. We should collect rubbish.

We shouldn't throw it into the street.

2 Read Farooq's letter to a newspaper.
3 Write two similar letters to a newspaper. Use the phrases in italics from Ex. 2 and the notes in A and B.
4. We should conserve water. We shouldn't waste it.
5. We should repair old buildings.

We shouldn't destroy old buildings.




Panthers don't live in big groups, (F) they usually live alone in the forest or jungle. (F) Panthers hunt small deer. (F) They also eat small cows and goats (F) and they catch wild dogs too. (F) Sometimes they attack humans and eat them. (F) I think they are frightening! (O)
In some ways, panthers are like tigers: they live alone, they hunt at night and they can swim very well. (F) Panthers can climb trees, but tigers can't. (F) Sometimes a panther (or a leopard) climbs a tree with a dead animal in its mouth. (F) Then it sits in the tree and finishes its meal. (F) Panthers are lucky animals! (O) They hunt, but no animals hunt them. (F)

## UNIT 3 LESSON 5

## Suggestions and answers

1 Read the rest of 'The Jungle Book'. Then choose the correct word in the sentence below. three groups
2 Copy and complete the reading journal using the words in the box.
I. This is a story about a boy who grows up in the jungle. His name is Mowgli, which means 'frog'.
2. Some of the characters are Baloo the bear, and Sher Khan the tiger. There is also a family of monkeys called the Bandar Log.
3. In the story, Sher Khan goes to the wolves' cave and asks them to give Mowgli to him as he is hungry. The wolves refuse and the lion goes away angry.
4. I like Father Wolf, because he is not afraid of the tiger.
5. I don't like the tiger, because he hunts people.
3 Write your own reading journal about the story in Unit 1, Lesson 3. Use the phrases in italics from Ex. 2 above to help you.

[^0]- to introduce and practise English vocabulary that comes from other languages
- to complete a text and a letter
- to study the spelling of plural nouns ending in 'os' and 'oes'.


## Suggestions and answers

1 Many words have come into English from other languages including Urdu. Most of these are words that you already know. Match the words to their meanings.

1. bungalow: a house on one level
2. chutney: a spicy sauce made from fruit or vegetables
3. shampoo: a liquid that you use to wash your hair; (also a verb)
4. jungle: a thick forest in a hot, wet country
5. khaki: a green-brown or yellow-brown colour
6. punch: a drink made from five different fruit juices
7. verandah: a platform at the side of a house, with roof and floor, but no walls
8. pyjamas: a loose jacket and trousers that you wear in bed
2 Complete the text with words from Ex. 1.
Put the children in pairs to complete the exercise.
One evening, Rudyard Kipling was staying in the jungle. He was sitting at a table on the verandah outside his bungalow, eating a dish of lamb curry and mango chutney, and drinking a glass of punch. He was wearing old khaki trousers, sandals and a shirt.

## 3 Copy and complete Saira's letter to Sandra.

Hello!
It's evening and I'm sitting on the verandah wearing my pyjamas and drinking a glass of punch.
There's nobody else outside. My sister has gone to wash her hair with shampoo.
My grandparents' bungalow is on the edge of a jungle, so lots of wild animals walk round the house at night.

## 4 Plural nouns ending in 'os' and 'oes'.

Follow the same procedure as in Unit 1, Lesson 2, Ex. 4.
Words that end in 'os': photos, pianos, radios
Words that end in 'oes': buffaloes, echoes, heroes, mangoes, potatoes, tomatoes, volcanoes




5. Some boys are playing football on the beach. A boy is about to eat a sandwich, which is
dropped as a ball hits it.

2. Do listen-and-repeat. Read the names of the planets aloud and get the class to repeat them, starting on the top line from left to right, and continuing along the bottom line from left to right.
I Listen and write the names of the planets (in order). Find each one in the diagram below.
I. Get the children to draw a diagram in their books, showing the planets in their correct positions along a line, starting with the Sun on the left, the closest planet Mercury next to it, and the furthest planet Neptune on the extreme right of the line.
Sun, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.

## 2 How big are the planets? Listen and match the sizes.

I. Tell the children to look at the fruit surrounding the box with the planets' names. Go through them one by one, giving the pronunciation and getting choral and individual repetition. Get the children to look carefully at the pictures and find one grape, one raisin and one pomegranate seed. Use translation if necessary.
2. Explain that the size of the planets is compared to the size of different fruit. Read the introduction in the script on page 107 of the Student's Book.
3. Tell them what they have to do: they have to draw lines to match the fruit and the planets. Explain that some planets are the same size, and match the same fruit.
4. Do the rest of the listening activity in the usual way.
5. At the end, tell the children to find the script on page 107 and do listen-and-repeat. Get the children to read this text aloud to their parents at home, to show them what they have learnt.
3 E-cards from Outer Space. Read the e-cards and answer these questions. Inform children that Pluto had been part of the solar system for a very long time. Based upon recent discoveries and popular opinion, Pluto is no longer considered a planet as on 2006.
I. Grandma - Mercury - hopes to be home for tea
2. Grandad - Venus - looked but didn't see the family
3. The writer - Earth - waving to everyone
4. Mum - Mars - reading her future in the stars
5. Dad and Uncle Jim - Jupiter - they like the place
6. Grandpa - Neptune - looking forward to being home They didn't visit Saturn and Uranus


## UNIT 7 LESSON 1

## Suggestions and answers

## I Read the dialogue and answer the questions.

Marie, Auntie Sophie's daughter.
The whole family (the Bate family)
4. Make sure that the children observe certain things in the pictures, e.g. Jonathan, the bridegroom, is wearing a red shirt while his friend Marcus is wearing a blue shirt. On page 37, there are people waiting outside the church in the upper picture; there is nobody waiting outside the church in the lower picture. The church in the upper picture has a spire, but the church in the lower picture has a tower.
5. While you are doing this, teach the children some words that they will need for the reading: a flood, guests. Get the class to repeat these words.

## Answers depend on the children.

2 Read the story and answer the questions.
I. Read the comprehension questions aloud and check that the children understand them.
2. Tell the children to read silently from their books to find the answer, while you read the story aloud.
3. Get the class to tell you the answers.
The wedding was at the church in King's
Road. Marcus went to the church in King's Street.
3 Answer the questions.

1. He noticed the bad weather when he was driving home.
2. At the hotel.
3. Because there was a flood.
4. Near the hotel.
5. Because it was raining so hard.
6. Because he was in the church.
7. Because he had gone to the wrong church.
4 Cover the text. Look at the pictures and tell the story in your own words.
I. Get the class to tell you the names of all the people in the story. Write them on the board.
8. Get the children to tell you the story in their own words while looking at the pictures.
9. Then put the children into pairs. They look at the pictures and tell the story in their own words. Go around and help if necessary. They should not refer to the text if they get stuck, otherwise they will start reading and stop talking.

## UNIT 7 LESSON 4

## Suggestions and answers

## I Describe the picture. What is happening at the wedding?

I. Tell the children to look carefully at the picture and to tell you what they can see. They should use there is/are and the present continuous; they will get the opportunity to practise the past continuous in Ex. 3.
2. They can describe the car in the picture, but it does not form part of the story.
Auntie Sophie is drinking a glass of fruit juice.
Uncle Stewart is making a speech.
Jonathan and Marie are listening to the speech.
Marcus is taking photos.
Two birds are eating the rest of the cakes.
Two children are playing in the pond.
Two boys are sliding down the roof of the tent. Uncle Stewart's car is running into the street.
2 Listen to your teacher and point to the right scenes in the picture.
I. Do a brief listening activity using the script on page 108 of the Student's Book.
2. Read the sentences aloud and give the children time to point to the activities.
3. See if the children can notice that the sentences being read aloud are in the past continuous tense.
3 Write at least 8 similar sentences in the past continuous.
I. This exercise follows on from the Study Corner.
2. Get individuals to make sentences about the wedding scene in Ex. 1, using the same sentence structure as in the Study Corner.
3. Get the children to write their sentences in their notebooks either in class or for homework.

## Answers depend on the children.

## 4 Discuss: What are weddings like in Pakistan?

Get the children to chat about weddings in Pakistan. Do not correct language mistakes here. Have the discussion in the simple present tense; the children will have the opportunity to talk and write about weddings in the simple past and past continuous in Ex. 5.

## 5 Answer the following questions about a Pakistani wedding that you attended.

Get the children to chat about a wedding in Pakistan that they attended. You can correct language mistakes here as the children will go on to write about their experience at the wedding. Get the children to describe their weddings using the simple past and past continuous.
UNIT 7 LESSON 5

## Suggestions and answers

I Complete the invitation.
Dear Judy,
I'm having a birthday party on $5^{\text {th }}$ December.
Please will you come?
The party will be at my house.
It will start at 5 p.m. and finish at $8 \mathrm{p} . \mathrm{m}$.
I hope you can come.
Love,
Sandra

## 2 Writing your own invitation.

Answers depend on the children.
3 Accepting an invitation. Choose the correct words to complete the letter.

1. Thank 2. would 3. am, to 4. See
4 Refusing an invitation. Put the sentences in the best order.

(The order of sentences (a) and (d) can be reversed.) Dear
Sandra, e Thank you very much for inviting me to your
birthday party.
c But I'm very sorry, I can't come. (Better: I'm very sorry, but I can't
come.) b I'm going to be away that weekend.
a See you soon. d Hope you have
a wonderful party!
Best wishes,
Robert


## UNIT 8 LESSON 1

Aims<br>- to study and practise a dialogue<br>- to revise requests<br>- to revise and practise phrases with make/do<br>- to develop the children's speaking skills

## Suggestions and answers

I Read the dialogue and choose the correct answer.
I. Use the picture to present the situation. Get children to say what and who they can see, and what they are doing (Imran is standing in the doorway and talking to Grandpa, who is doing the crossword puzzle in the newspaper).
2. Follow the usual procedure for a dialogue, as detailed in Unit 2 Lesson 1, Ex. 1. Grandpa doesn't want Imran's help.

## 2 Write 'make’ or 'do’. The dialogue may help you.

Discuss the answers with the children before they write in their books.

| 1. do a crossword | 4. do my best | 7. make tea |
| :--- | :--- | :--- |
| 2. do anything | 5. make a suggestion | 8. do something else |
| 3. make a mistake | 6. do nothing | 9. make an excuse |

3 How many of these things can you do or make?
I. Get the children to ask each other these questions across the class. However, they don't mark their books yet.
2. Get the children to work individually; they mark their books, putting a cross if they can't do a particular thing, and putting a tick if they can do it.

## Answers depend on the children.

4 Talk about your partner.


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## Verbs

Use these verbs to fill in the blanks below.

| swim | play | drink | fly | wear |
| :--- | :--- | :--- | :--- | :--- |
| ride | write | drive | cut | read |
| ring | sing | draw | sleep | walk |

1. You a kite.
2. You $\qquad$ a car.
3. You $\qquad$ with a knife.
4. You $\qquad$ your uniform.
5. You $\qquad$ story books.
6. You with a pen.
7. You a bell.
8. You $\qquad$ a picture.
9. You $\qquad$ a horse.
10. You $\qquad$ games.
11. You $\qquad$ songs.
12. You $\qquad$ at night.
13. You in the swimming pool.
14. You $\qquad$ along the road.
15. You $\qquad$ water.


NAME:
DATE:
GRAMMAR WORKSHEET PREPOSITIONS Of TIME

| AT | IN | ON |
| :---: | :---: | :---: |
| - night <br> - 10:30 <br> - noon / midday <br> - midnight <br> - bedtime <br> - sunrise <br> - sunset <br> - the weekend (U.K.) | - the morning <br> - the afternoon <br> - the evening <br> - February <br> - (the) spring <br> - (the summer) <br> - (the) fall / autumn <br> - (the) winter <br> - 2013 <br> - the 1990s <br> - a (few) minute(s) | - Sunday <br> - Monday morning <br> - Tuesday afternoon <br> - Wednesday evening <br> - my birthday <br> - a holiday <br> - Christmas day <br> - May 5 <br> - a weekday <br> - time <br> - the weekend (U.S.) |

- Fill in the blanks below with the correct prepositions of time.

1. My brother has a new job. He works $\qquad$ in the evening.
2. We're going to have a picnic $\qquad$ Saturday afternoon. Would you like to come?
3. I'll be finished my work $\qquad$ an hour. Then, I can go home.
4. When is the meeting? Is it $\qquad$ 2:00?
5. I like to get up really early, $\qquad$ sunrise, when the birds start to sing.
6. Tom's birthday is next week, $\qquad$ January 14.
7. My grandfather was born $\qquad$ the 1950s.
8. Will we be $\qquad$ time, or will we miss our flight?
9. My family and I like to ski $\qquad$ winter.
10. Are there any holidays $\qquad$ October?
11. Our school cafeteria opens for lunch $\qquad$ noon.
12. What time does your son go to bed $\qquad$ night?
13. We moved to this city $\qquad$ 2012.
14. Are you going to do anything special $\qquad$ your birthday?
15. I'm not going to watch that TV show. It starts $\qquad$ midnight!

Qno. 2

| Cherries each day. | Javeria has | a | bag |  | 45 | cherriesto |  |
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|  | evenly |  | up | into | her |  | school |
|  | lunches will | sfor she | the get | week. <br> to | How eat | many each | cherries week? |
| -words in a hour. | d started t | typin | his | story | book | over | the |
|  | weekend. |  | He | typed | for | 3 | hours |
|  | and | completed |  | 15 | pages | with | 240 |
|  | words | on | each | page. | How | many | words |
|  | did | he | type | in | an | hour? |  |



Qno3:092378871, 632838274, 241750970, 528619690, 275100860

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## Factors and Multiples

Use divisibility tests for 2, 3, 5, and 10 to numbers up to 5 digits. Provide each pair with an activity card (sample given below).


Fractions

| 1. | How many shapes are there? |
| :--- | :--- |
| 2. | What fraction of the shapes are squares? |
| 3. | What fraction of the shapes are rectangles? |
| 4. | What fraction of the shapes are triangles? |
| 5. | What fraction of the shapes is the circle? |
| 6. What fraction of the shapes are not triangles? |  |
| 7. | What fraction do the triangles and the circle represent altogether? |
| 9. | Which shape has the greatest fraction? |

Basim buys a new colouring box. He has a picture of 10 pencils. He colours the Pencilsasgivenbelow:

First, he colours $1 / 10$ of the pencils. (Colour them red).


## Activity Card




Color the picture:


## Unit \# 9 (Communication)

## Reading, Dictation

## Q1. Suggestions and answers.

1. Communication is, when information is passed from a sender to a recipient using a medium. There are many means of communication. We can communicate by writing, orally or by gestures.
2. A) Telecommunication means communicating over a distance. It is the fastest means of communication. We can make STD (subscriber trunk dialing) call to talk to our family and relatives.
B) Postal system delivers postcards, letters and parcels physically. Postman deputed in each area receives the letters and delivers them at an address.
3. Mobile phone is the most effective and modern way of sending written text.
4. A person from the postal department clears the mailbox. After this, the
letter is sent to their respective place. The letter is further sorted out and sealed at the delivery office. Postman deputed the letter to Islamabad.
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5. ISD (International subscriber Dialing) call in different countries. ISD call rates are very high, so people prefer to make calls via internet.
6. Mass communication means the imparting or exchanging of information to large number of people at the same time. Various means of communication are:

Newspaper, Magazines, Radios, television and films.
7. This mode of communication helps an individual to make an in-depth analysis of various issues across the globe.
8.

| Verbal communication | Non-Verbal Communication |
| :---: | :---: |
| We used words to express our thoughts. | It does not involve the use of words. It is |
| Two main forms of verbal communication | done through facial expressions, body |
| are written and oral communication. | gestures, colors, pictures, and paintings |

Q2. Name the communication devices given below and write their uses.
a) Newspapers: Informs us about recent happenings around the world.
b) Fax: Fax machines makes sending and receiving documents quicker than postal mail.
c) Television: They educate, inform and entertain us.
d) Mobile phone: It can be used to text messages, make calls, reading emails and browsing the internet.

## Q3. Guess the correct means of communication:

i Television
ii Mobile phone
iii Newspaper

## Q4. List 4 names in each column below:

| TV Programs | Newspapers | Magazines |
| :---: | :---: | :---: |
| $\bullet$ Quran Aur Sehat. | Dawn | Dawn |
| BulBulay | Nawaiwaqt | Pakistan post |
| Aaj Pakistan Mein | The Nation | Fashion Central |
| Extras - The Mango People | Daily Jung | Newsline |


Write a short note on your favorite television program :

## Unit \# 11 (Our Past)

Reading, Dictation

Q1. Note book questions.
Suggested answers.

1. These early people did write things down, people built huge, planned cities, with straight streets and brick homes and private baths.
2. They were a strong, active and lively race. Their language (Sanskrit) gained popularity.
3. The most famous ruler of the era was Ashoka. Ashoka Maurya's period was dominated by Buddhism but he also showed tolerance to other religions.
4. The period of Gupta Empire is considered as the Golden Age of India, because they are marked by extensive inventions and discoveries in science, technology, engineering, art, literature, mathematics, astronomy, religion and philosophy.
5. The Persians who had been the largest Empire spanned from Egypt in the west to turkey in the north and to the river Indus in the East.

## Q2. Arrange the following dynasties in the order in which they ruled in the sub-continent.

| The Parthian |  |
| :---: | :--- |
| The Greek |  |
| The Huns |  |
| The Persians |  |
| The Nanda |  |


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