

USWA COLLEGE ISLAMABAD

SUMMER VACATION TASK: GRADE 7

Subject: General Science

Teacher Name: Ansar Abbas

Cell # 0348-1577158

Unit 1: **Plant Systems**

- Theory: Define and explain all key terms and concepts taught in this unit.
Diagrams: Draw and label:
 1. Internal Structure of a Leaf.
 2. The Photosynthesis Process.
- Exercise: Solve all Questions from the textbook. Prepare a table showing the difference between Respiration and Photosynthesis.

Unit 2: **Respiratory and Circulatory Systems**

- Theory : Define and explain all key terms and concepts taught in this unit.
Diagrams: Draw and label:
 1. The Human Heart (4 chambers).
 2. The Human Respiratory System.
- Complete the full textbook exercise, including questions on blood cells (RBCs, WBCs, Platelets) and breathing mechanics.

Unit 3: **Force and Motion**

- Theory: Define and explain all key terms and concepts taught in this unit.
- Diagrams/Graphs:
 1. Draw a Distance-Time Graph for constant speed.
 2. Draw an illustration of an Action-Reaction pair (e.g., a flying bird or rocket).
- Exercise: Complete all Short and Long Questions from the textbook exercise.

Submission Guidelines

Language: Use simple English only.

Format: Use blue markers for headings. Draw all diagrams with a lead pencil on the blank side of your assignment pages.

Deadline: Submit to the subject teacher on the first day of college reopening.

Computer: Teacher: Mr. Mushahid Husain – 0333-9963872

1. Listen & write on your notebook all lectures from my YouTube Channel www.youtube.com/@mushahid110.
2. Read & learn assignment of Chapter 1.
3. Read practical assignment of Chapter 2.

English Language Summer Vacation Task – Mr. Abid Ali, 0344-5453195

For Grade 7

1: Watch the movie “ Insideout”

- a) Discuss and write about your two favorite characters from the movie.
- b) Write 10 vocabulary words and their meanings from the movie that describe feelings.
- c) Write a short summary of the movie.

English – Syed Hasan Hamid Naqvi – 0334-0572000

1. "A Story a Week" Read one short story or news article every week for 6 weeks. Write down the Title, Author, and 10-15 new words you learned from each story. Summary: Write a 10-sentence summary of each story in your English notebook.
2. Complete the following exercise in your notebook or a separate grammar folder. Take a newspaper or magazine. Read 10-12 short paragraphs and write:
Nouns in Blue Color
Verbs in Red Color
Adjectives in Green Color
3. Write a diary entry for 5 different days during your vacation. Each entry should be at least 10–12 sentences long and it must include:
What did you do?
How did you feel?
What were the reactions or comments of the other people around you?

اردو- ظہیر عباس-03485069820

- 1- کم از کم ایک ماہ تک روزانہ ڈائری لکھیں۔
- 2- اپنے علاقے کے بارے میں ایک مضمون تحریر کریں۔
- 3- درسی کتاب سے سبق "عبدالستار ایدھی" پڑھیں۔ انٹرنیٹ سے ان کے متعلق اور ان کی تنظیم کے متعلق معلومات اکٹھی کریں اور انہیں تحریر کریں۔

نوٹ برائے والدین

یہ کام طلباء کی لکھنے اور سمجھنے کی صلاحیت کو اجاگر کرنے کے لئے ترتیب دیا گیا ہے۔ کوشش کریں کہ طلباء خود سے لکھنے کی مشق کریں۔

Mathematics – Mr. Masood Ahmed Gill – 03455084117

- Search 100 simple mathematical tricks from internet and solve them.
- Solve Textbook Unit No. 1 & Unit No. 5
- Rational numbers & sets
- Define all definitions of the above mentioned chapters and solve all exercise and review exercises.

Note: 10 marks will be awarded for summer vacations homework.