

PESHAWAR MODEL SCHOOL

Tele Boys (I) 5200166, Boys (II) 5602577, Boys (III) 2043865, Boys (IV) 2049296, Boys (V) 2671237, Boys (VI) 5510775,
Hayatabad Campus(Boys) 0343-2000333, **Girls I: 5200782**, Girls II 2920946, Girls-III, 0333-0559991-5,
Hayatabad Campus(Girls)0336-9123111, Girls- V 0346-1119506, Charsadda Br 6511577, Mardan Br (0937) 874859,
Nowshera (0923) 644129, Swabi Campus 0347-2000444, Shabqadar Br 0346-1119505

WORK FROM HOME PROJECT **(First Assignment for April, 2020)** **CLASS VIII**

Dear Parents,

We are concerned due to prevailing situation where everyone including our students are quarantine at home. We wish you all to be safe at your home. To utilize students time purposefully and to keep them in contact with studies, **Work From Home Project** is designed.

Work From Home Project is comprised of two assignments i.e. First assignment carrying 50 marks for the month of April while second assignment for the month of May will also be of 50 marks. (May assignment will be given in the month of May). These 100 marks will be included in the **Mid Term Examination Result**.

Please keep a check on your child to ensure that he/she has learnt the oral work thoroughly and completed the written assignments neatly. Stress must be laid on his/her English and Urdu Hand writing. Given assignments must be done on Test Note books provided with the Book sets. The child is required to be serious in this respect.

Work From Home Assignments must be submitted to the concerned teachers on the first day of school after vacation. Late work will not be accepted.

Kindly make a time table for your child and monitor that he/she is engaged in healthy activities. For your convenience list of a few healthy activities is mentioned below.

1. Reading books
2. Watching educational and motivational videos/documentaries
3. Writing daily routine for doing productive things
4. Story telling
5. Reciting Holy Quran with translation
6. Painting/calligraphy
7. Exercise
8. Home cleaning
9. Gardening
10. Playing different indoor games

Your personal interest and co-operation regarding completion of your child's work from home assignments and different healthy activities will help to build a strong bond between you and your child and will provide an opportunity to learn from each other.

PRINCIPAL

CLASS VIII

APRIL, 2020

PHYSICS

Q 1: Read chapter # 1 Physical quantity and measurement

Q 2: Find the meaning of difficult words and terms. (Underline the words in the book and write meanings)

Q 3: Write the importance of physics in everyday life.

Q 4: Search the contributions of Muslims Scientists in the development of Physics? (other than given in book)

Q 5: Practice table 1.2(Pg # 08) and Table 1.5 (Pg # 05).

CHEMISTRY

Q 1: Draw the atomic models of the following elements.

- oxygen (Atomic no 08)
- helium (Atomic no 02)
- sodium (Atomic no 11)
- nitrogen (Atomic no 07)
- carbon (Atomic no 06)

Q 2: Make 20 formulae by crossing over the valances of following radicals

Positive radicals	Negative radicals
Na ⁺¹	Cl ⁻¹
Ca ⁺²	O ⁻²
Al ⁺³	N ⁻³
NH ₄ ⁺¹	CO ₃ ⁻²
Mg ⁺²	SO ₄ ⁻²

Q 3: Balance the following equations.

- Na+Cl₂ → NaCl
- SO₂+O₂ → SO₃
- C+O₂ → CO
- Ca+H₂CO₃ → CaCO₃+H₂O
- Al+HCl → AlCl₃+H₂

Q 4: Define and explain the types of chemical reactions with any three examples each.

Q 5: Define valency and valency number? What are monovalent, divalent and trivalent elements? Give three examples of each

Q 6: Differentiate the following

- metals and non-metals
- atom and molecule
- compound and mixture

BIOLOGY:

Q 1: Read Chapter # 01 Introduction to Biology

Q 2: Draw and label (2 times) following diagrams of Chapter # 01

- i. Percentage composition (by mass) of by-elements in organisms.
- ii. Levels of biological organization
- iii. Unicellular organization (a) chlamydomonas and colonial organization (b) volvox colonies
- iv. multicellular organization

Q 3: Differentiate between unicellular and multicellular organism.

MATHEMATICS

Written:

Chap # 2 Real & Complex Numbers: Ex 2.1 – 2.5 (Review Exercise)
(related work already done in Class VI)

Oral: All definition of Geometry from provided notes.

ENGLISH

Q 1: Write 100 words understanding Quarantine, isolation and social distancing in a pandemic.

Q 2: Make 5 sentences of your own along with translation from all tenses i.e. present, past and future tenses (15 sentences on the whole)

Q 3: Read the following passage and answer the question given at the end

The humble pencil is undoubtedly the most widely used tool for writing and drawing the world over. The earliest forerunner of the modern pencil was called 'pencilus' and was used by ancient Romans. Pencils were usually made of lead. That is why pencils to this day are called "Lead pencils". Although they are not made of lead any longer. Today's pencils are made of graphite. Though, we do not know who it was that invented the Roman 'lead pencils' we do have records about the inventor of graphite pencil. Graphite was first used in pencils in 1965. It was a European naturalist called Konrad von Gesner who first encased a piece of graphite in a wooden holder to draw his sketches. Today, pencils are available for almost every kind of drawing, writing and marking. There have been many innovations in the making of pencils. Pencils, today are made out of wood material in order to save trees and forest wealth. These are becoming popular across the world, because of their eco-friendly nature.

Questions:

a) Who used a pencil for the first time and under what name? **b)** Who invented a graphite pencil and when? **c)** Why does the writer call some pencils as eco-friendly? **d)** What are the main uses of pencils today?

PAKISTAN STUDIES

Q 1: Write few sentences about the following events:

- i. 1857 (war of independence)
- ii. 1867 (Hindi Urdu Controversy)
- iii. 1922 (Chouri choura incident)
- iv. 1923 (Shudhi Sangatton movement)
- v. 1919-1924 (Khilafat movement)

Q 2: Read Chapter # 01, Ideological basis of Pakistan and find meanings of the difficult words.

اسلامیات

(زبانی)

• سورة الانفال:

الدرس الاول (الف)

درس کا ترجمہ اور التمارین سے الفاظ / معنی یاد کریں۔

• من ہدی الحدیث:

حدیث نمبر 1 + 2

نوٹ: احادیث کا ترجمہ اور تشریح (کتاب سے) یاد کریں۔

اُردو

(تحریری کام)

ادرخواستیں:

- 1- پرنسپل صاحبہ کے نام مالی امداد کے لیے درخواست لکھیں۔
- 2- محکمہ صحت کے افسر کے نام اپنے علاقے میں ڈسپنسری کے قیام کی درخواست لکھیں۔

خطوط:

- 1- والد محترم کے نام امتحان میں کامیابی اور رقم بھجوانے کا خط
- 2- چھوٹے بھائی کے نام سگریٹ نوشی سے گریز کا خط
- 3- اسم کی اقسام بناوٹ کے لحاظ سے تحریر کریں۔
- 4- فعل کی اقسام بلحاظ فاعل تحریر کریں۔