Grade 9

School-without-Walls Package 11 (7 June to 11 June 2021)

Homework_Day 1 (7 June 2021)

Subject	Click on the Youtube Links	Things to Note
English	**Zoom Lesson from 11am to 1pm** https://us02web.zoom.us/j/87821291412?pwd=ZTVMeUdlY1NzLy94d3dhY2gvd1FaZz09	Meeting ID: 878 2129 1412 Passcode: 2021G9
Mathematics	**Zoom Lesson from 11am to 1pm** Review Factorisation	
Biology	**Zoom Lesson – 11am to 1pm** **Click Powerpoint Notes on Chapter 4 for the lesson.**	
Portuguese	**Conteúdo:** VOZ PASSIVA DE ESTADO **Objetivo:** Estudantes pode ser: Formar o verbo estar e particípio passado para falar o resultado da acção. - Voz passiva de estado | Português On-line. https://youtu.be/jKdd4VI_NvE - Click on **Voz passivo de estado** to read the worksheet. SWW Package 11 - Port - Voz passiva de	Prova - Clique (click) no link abaixo e responda as perguntas. Não se esqueça de enviar! https://forms.gle/dBX7WEAiWpgSxLKh8 Não esqueça! Copia de exercício PDF no seu caderno Português!

Homework_Day 2 (8 June 2021)

<table>
<tr><th>Subject</th><th>Click on the Youtube Links</th><th>Things to Note</th></tr>
<tr><td>English</td><td colspan="2">Use Google to find the definition of the following words from your Readworks Comprehension “Stargazing” and write them in your English notebook.

- clear
- scatter
- expanse
- observation
- tough
- cluster
- attract
- constant
- generate
- consider</td></tr>
<tr><td>Mathematics</td><td>Expansion using Special Algebraic Identities</td><td>Exercise 6C # 7a, 8a, 9a, 10a</td></tr>
<tr><td>Biology</td><td colspan="2">Chapter 5 – Cytology
This chapter describes cells, the basis of all living organisms. Loving other people is more than helping them survive; it is also improving the quality of their lives. God more than meets people’s needs – He provides for them abundantly, and we should try to do the same.(Eph 3)

Section 5A talks about the basic structures inside cells as well as differences between prokaryotic, eukaryotic, plant and animal cells.

Read Section 5.1 – Modeling the cell (pages 89 – 90)
Copy the table below in your biology exercise book and complete the missing information for the history of cell theory.

<table>
<tr><th>Year</th><th>Who</th><th>Discoveries</th></tr>
<tr><td>1665</td><td>Robert Hooke</td><td>*</td></tr>
<tr><td>1682</td><td></td><td>*
*
*</td></tr>
<tr><td>1831</td><td></td><td>*</td></tr>
<tr><td>1837</td><td>Matthias Schleiden
Theodor Schwann</td><td>*</td></tr>
<tr><td>1855</td><td></td><td>* Cells divides, producing new cells</td></tr>
<tr><td>1858</td><td>Rudolf Virchow</td><td>*</td></tr>
<tr><td>Years later</td><td></td><td>Modern Cell theory
*
*</td></tr>
</table>
</td></tr>
</table>

Music	LISTEN What a friend we have in Jesus & The blessing https://www.youtube.com/watch?v=0W0vTsM7Gps	May this song bring you assurance that God is with you always.

Homework_Day 3 (9 June 2021)

Subject	Click on the Youtube Links	Things to Note
English	Sentence Formation	https://forms.gle/zMFhBpGirKyAPKseA
Mathematics	Steps to solve Algebraic equations	Copy the followings pages into your math 1 (a) Page 34 ----the special numbers (b) Page 35 ---- **note when dealing with algebraic equation Expand / Factorize / Solve** (c) Page 36 -----**Factorise**
Biology	5.2 Organising with cells 5.3 The cell parts and purposes Read pages 90 to 91	With the help of the glossary (pages 527 to 542) Write down the definitions of the following words in your biology exercise book: - Unicellular organism - Colony - Multi-cellular organism - Tissues - Organs - Organ system - Organelles - Eukaryotic - Prokaryotic
Portuguese	- Frases simples ou frases complexas https://www.youtube.com/watch?v=vsOM53BRPhY	Prova - Clique (click) no link abaixo e responda as perguntas. Não se esqueça de enviar! https://forms.gle/RuUhwDmbjUgYHW3M6

Homework_Day 4 (10 June 2021)

<table>
<tr><th>Subject</th><th>Click on the Youtube Links</th><th>Things to Note</th></tr>
<tr><td>English</td><td>Watch the video on Adverbs and Adjectives
https://youtu.be/0HPKwhngB-U</td><td>Complete Activity 12-1 in your Writing and Grammar book</td></tr>
<tr><td>Mathematics</td><td>Steps to solve Algebraic equations</td><td>Copy the followings pages into your math 1

(a) Page 39 ----Expansion using special Identities
(b) Page 40 ---- do the questions</td></tr>
<tr><td>Biology</td><td colspan="2">Structure and function in Cells (pg 92)

Copy and complete the following tables in the Biology exercise book.

Typical Bacterial Cell (prokaryote)
<table>
<tr><th>Part</th><th>Where is it found?</th><th>Function (purpose)</th></tr>
<tr><td>Cytoplasm</td><td></td><td></td></tr>
<tr><td>Cytoskeleton</td><td></td><td></td></tr>
<tr><td>Capsule</td><td></td><td></td></tr>
<tr><td>Nucleoid</td><td></td><td></td></tr>
<tr><td>Flagelium</td><td></td><td></td></tr>
</table>
Typical Plant Cell (Eukaryote)
<table>
<tr><th>Part</th><th>Where is it found?</th><th>Function (purpose)</th></tr>
<tr><td>leucoplast</td><td></td><td></td></tr>
<tr><td>Cell wall</td><td></td><td></td></tr>
<tr><td>Chloroplast</td><td></td><td></td></tr>
<tr><td>Granum</td><td></td><td></td></tr>
<tr><td>ribosome</td><td></td><td></td></tr>
<tr><td>Rough ER</td><td></td><td></td></tr>
<tr><td>Smooth ER</td><td></td><td></td></tr>
<tr><td>Cetral Vacuole</td><td></td><td></td></tr>
</table></td></tr>
</table>

Homework_Day 5 (11 June 2021)

<table>
<tr><th>Subject</th><th>Click on the Youtube Links</th><th>Things to Note</th></tr>
<tr><td>English</td><td colspan="2">Readworks Comprehension

- Go to www.readworks.org
- Click “Student Login”
- Enter Class Code “LQLDXX”
- Click on your name
- Enter Password “1234”
- Complete comprehension assignment</td></tr>
<tr><td>Mathematics</td><td>Factorising Algebraic Expressions of the form $a^2 +2ab+b^2$</td><td>Copy Worked Example 13, 14 and 15 into math 1</td></tr>
<tr><td>Biology</td><td colspan="2">Structure and function in Cells (pg 93)

Copy and complete the following tables in the Biology exercise book.

Typical Animal Cell (Eukaryote)
<table>
<tr><th>Part</th><th>Where is it found?</th><th>Function (purpose)</th></tr>
<tr><td>nucleus</td><td></td><td></td></tr>
<tr><td>Nucleolus</td><td></td><td></td></tr>
<tr><td>Chromatin</td><td></td><td></td></tr>
<tr><td>Lysosome</td><td></td><td></td></tr>
<tr><td>Mitochondrion</td><td></td><td></td></tr>
<tr><td>Cell membrane</td><td></td><td></td></tr>
<tr><td>Cilia</td><td></td><td></td></tr>
<tr><td>Golgi apparatus</td><td></td><td></td></tr>
</table>
Give three differences between animal cells and plant cells.
Plants cells have c_____ w_____ , c_____ v _____, and c_____ but animals cells do not have them.</td></tr>
<tr><td>Portuguese</td><td>- Discurso direto e Discurso indireto (Direct Speech & Reported Speech)
https://www.youtube.com/watch?v=wWJfJ0fjRbw</td><td>Prova - Clique (click) no link abaixo e responda as perguntas. Não se esqueça de enviar!
https://forms.gle/YwDa8MizD7FwbQgp8</td></tr>
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