




Grade 10

School-without-Walls Package 8 (10 May to 14 May 2021)

Homework_Day 1 (10 May 2021)

Subject	Click on the Youtube Links	Things to Note
English	<p>Use Google to find the definition of the following words from your Readworks Comprehension "The Age of Exploration" and write them in your English notebook.</p> <ul style="list-style-type: none">- explore- navigate- efficient- device- unknown	<p>Complete the sentence formation worksheet in the google form link provided.</p> <p>https://forms.gle/NQxV2E3vqQBjt3hG9</p>
Mathematics	<p>Check out the solutions to Exercise 5B Questions 4(a) to 4(d) and do your corrections.</p> <p>4. (a) $(a + 2)(a - 3) + (a + 1)(a + 4)$ $= a(a - 3) + 2(a - 3) + a(a + 4) + 1(a + 4)$ $= a^2 - 3a + 2a - 6 + a^2 + 4a + a + 4$ $= a^2 + a^2 - 3a + 2a + 4a + a - 6 + 4$ $= 2a^2 + 4a - 2$</p> <p>(b) $(b - 1)(b + 5) + (b - 2)(b - 3)$ $= b(b + 5) - 1(b + 5) + b(b - 3) - 2(b - 3)$ $= b^2 + 5b - b - 5 + b^2 - 3b - 2b + 6$ $= b^2 + b^2 + 5b - b - 3b - 2b - 5 + 6$ $= 2b^2 - b + 1$</p> <p>(c) $(2c + 3)(c - 2) - (c + 4)(c - 5)$ $= 2c(c - 2) + 3(c - 2) - [c(c - 5) + 4(c - 5)]$ $= 2c^2 - 4c + 3c - 6 - (c^2 - 5c + 4c - 20)$ $= 2c^2 - 4c + 3c - 6 - c^2 + 5c - 4c + 20$ $= 2c^2 - c^2 - 4c + 3c + 5c - 4c - 6 + 20$ $= c^2 + 14$</p> <p>(d) $(3d - 1)(2d - 3) - (4d + 1)(d + 1)$ $= 3d(2d - 3) - 1(2d - 3) - [4d(d + 1) + 1(d + 1)]$ $= 6d^2 - 9d - 2d + 3 - (4d^2 + 4d + d + 1)$ $= 6d^2 - 9d - 2d + 3 - 4d^2 - 4d - d - 1$ $= 6d^2 - 4d^2 - 9d - 2d - 4d - d + 3 - 1$ $= 2d^2 - 16d + 2$</p>	

Chemistry	Review Questions (Page 145 to 147)	Do question #14 to #21 in your chemistry notebook
Portuguese	<p>Conteúdo: SUPERLATIVO. Objetivo: Estudantes pode ser:</p> <ul style="list-style-type: none"> • Determina qualidade grau elevado em alguém ou alguma coisa entre outros. <p>- Superlativo (parte 1) Português On-line. https://www.youtube.com/watch?v=8QPHaxM96ag</p> <p>- Exercícios de superlativo (parte 2) Português On-line. https://www.youtube.com/watch?v=7Rr1vZonJHQ</p> <p>- Click on Superlativo to read the worksheet.</p> <div style="text-align: center;">  (PDF) Aula online 8 - Superlativo.pdf </div>	<p>1) Complete as frases de acordo com o grau superlativo pedido:</p> <p>- <u>O superlativo relativo de superioridade</u></p> <p>a) Ela é a rapariga _____ que eu conheci.(bonita) b) O hoje é o dia _____ da minha vida.(feliz)</p> <p>- <u>O superlativo relativo de inferioridade.</u></p> <p>a) O meu carro é _____ rápido de todos. b) O Rui é _____ simpático do grupo.</p> <p>- <u>O superlativo absoluto sintético</u></p> <p>a) O exame foi muito difícil. De facto foi _____. b) Ele está muito gordo. De facto está _____.</p> <p>- <u>O superlativo absoluto analítico</u></p> <p>a) Eles são todos _____ altos. b) Aprender o nadar é _____ fácil.</p> <p>- Click the Link to answer the questions of Superlativo. https://forms.gle/pSUZMH128hgZSHsn8</p>

Homework_Day 2 (11 May 2021)

Subject	Click on the Youtube Links	Things to Note
English	Watch the video on appositives https://youtu.be/QFcaUTd8DgY	Complete Activities 3-10 and 3-11 in your Writing and Grammar book.
Mathematics	<p>Check out the solutions to Exercise 5C Questions 1, 2, 3 and 4 and do your corrections.</p> <p>Exercise 5C</p> <p>1. (a) $12a - 9 = 3(4a - 3)$ (b) $35 - 25b = 5(7 - 5b)$ (c) $-27c - 36 = -9(3c + 4)$ (d) $10d + 4e + 6 = 2(5d + 2e + 3)$</p> <p>2. (a) $45x^2 + 9x = 9x(5x + 1)$ (b) $26x^2 - 39x = 13x(2x - 3)$ (c) $6\pi y - \pi y^2 = \pi y(6 - y)$ (d) $2y + 4y^2 = 2y(1 + 2y)$</p> <p>3. (a) $\frac{3}{2}a + \frac{3}{2} = \frac{3}{2}(a + 1)$ (b) $\frac{3}{4} - \frac{1}{4}b = \frac{1}{4}(3 - b)$ (c) $\frac{1}{5}c + \frac{2}{5}d - \frac{3}{5}e = \frac{1}{5}(c + 2d - 3e)$ (d) $-\frac{7}{8}f - \frac{5}{8}g - \frac{3}{8}h = -\frac{1}{8}(7f + 5g + 3h)$</p> <p>4. $kr^3 = \frac{4}{3}\pi r^3 - r^3$ $= r^3\left(\frac{4}{3}\pi - 1\right)$ $\therefore k = \frac{4}{3}\pi - 1$</p>	Check out the solutions to Exercise 5C Questions 1, 2, 3 and 4 and do your corrections.
Chemistry	Answer to 5A and 5B Section Review Click Chemistry Chapter 5 Section and chapter Review answers	Mark your answers, copy the answers into the chemistry notebook

<p>Portuguese</p>	<p>Conteúdo: ADVÉRBIO DE LUGAR. Objetivo: Estudantes pode ser:</p> <ul style="list-style-type: none"> • Identificar as palavras de advérbio de lugar. <p>- O quê são advérbios de lugar Português on-line</p> <p>https://www.youtube.com/watch?v=a6hAicDrQM</p>	<p>- Click the Link to answer the questions of Advérbios de lugar.</p> <p>https://forms.gle/ScmZ1vaXTJhwNzxJ6</p>
<p>PE / Health</p>	<p>Say No to Smoking or Alcohol Dr Vivien shares with SPMS students about the harmful effects of smoking and alcohol, and gives good advice on how to say "No!"</p> <p>https://www.youtube.com/watch?v=rflIFbASloA</p>	<p>What can you do when someone offers you a cigarette or alcohol?</p> <ol style="list-style-type: none"> 1. Just say _____ 2. Change the _____ 3. Tell them something they do not _____ 4. Tell a _____ 5. Walk _____ 6. Return the _____ 7. Use an _____ as an excuse 8. Avoid the _____ <p>Write the answers in your English Exercise book.</p>

Homework_Day 3 (12 May 2021)

Subject	Click on the Youtube Links	Things to Note
English	Read through "Archaic Second Person Pronouns" and "Courtesy Order" in your Writing and Grammar book on pages 56 and 57.	Complete Activities 3-12 and 3-13 in your Writing and Grammar book
Mathematics	Chapter 5.4 Factorisation of Quadratic Expressions Watch Factorise Quadratic Expressions (Part 1/4) ➔ Expressions that have 1 as the leading coefficient (a=1) https://www.youtube.com/watch?v=r7DtjXPhmxg Study Worked Example 8 (Page 124)	Exercise 5D Do Q1(a) to 1(h)
Chemistry	Answer to 5C section Review and Review questions 2 to 7	Mark your answers, copy the answers into the chemistry notebook.
Portuguese	Conteúdo: ADVÉRBIO DE TEMPO. Objetivo: Estudantes pode ser: <ul style="list-style-type: none"> • Identificar as palavras de advérbio de tempo. <p>- O quê são dvérbios de tempo Português on-line</p> <p>https://www.youtube.com/watch?v=a6hAiCiDrQM</p> <p>M</p>	Escreve e subline (underline) os Advérbio de tempo no esse diálogo. Situação: Marcando um encontro – Quando podemos nos encontrar? Amanhã? – Infelizmente não posso amanhã, só no sábado. – De manhã ou de tarde? – De noite seria melhor para mim. – A que horas? – Às 18 horas seria perfeito. – Ótimo. Está combinado. No sábado, eu passo na sua casa às 18 horas. – Então até sábado. Tchau. – Tchau.

Homework_Day 4 (13 May 2021)

Subject	Click on the Youtube Links	Things to Note
English	<p>Readworks Comprehension</p> <ul style="list-style-type: none"> - Go to www.readworks.org - Click "Student Login" - Enter Class Code "CDH64S" - Click on your name - Enter Password "1234" <p>Complete comprehension assignment</p>	
Mathematics	<p>Chapter 5.4 Factorisation of Quadratic Expressions</p> <p>Watch Factorise Quadratic Expressions (Part 2/4) ➔ Expressions that have common factor https://www.youtube.com/watch?v=2lZgZ5pcsg0</p> <p>Watch Factorise Quadratic Expressions (Part 3/4) ➔ Expressions that leading coefficient other than 1 https://www.youtube.com/watch?v=8jRfTESH4NA</p>	<p>Exercise 5D Do Q2(a) to 2(d)</p>
Chemistry	<p>Answer to Review Questions 8 to 21</p>	<p>Mark your answers, copy the answers into the chemistry notebook.</p>
Devotion	<p>Hope Beyond the Pandemic https://www.youtube.com/watch?v=7i0zvM3HYFw HOPE Beyond The PANDEMIC! Other than PEACE above the Pandemic, hope is so important as well... to help us to see beyond our present circumstances that we are in. May you all be blessed from this short little message from ~ Emma, Caleb and Samuel!</p>	<p>Write down the Bible verses mentioned in the video.</p> <ol style="list-style-type: none"> 1. Romans 8: _____ 2. Romans 15: _____ 3. Luke _____:13 4. Psalms 130: _____
Music	<p>My Hope is in the Lord (Cave Quest VBS Music Video) https://www.youtube.com/watch?v=tJePCzTaQo4</p>	<p>Write the bible verses in your English exercise book</p>

Homework_Day 5 (14 May 2021)

Subject	Click on the Youtube Links	Things to Note
English	a) Word Attack 3A W3	Click the link to access https://forms.gle/Cug5CjgwuFNsoLDU8
Mathematics	Chapter 5.4 Factorisation of Quadratic Expressions Factorise Quadratic Expressions (Part 4/4) https://www.youtube.com/watch?v=CruplymqDn4 Study Worked Example 9 (Page 125)	Exercise 5D Do Q2(e) to 2(h)
Chemistry	60 minutes Open book Online Chemistry test on Chapter 5	Click this Grade 10 chemistry Chapter 5 student Test for instructions and questions.
Portuguese	Conteúdo: 100 FRASES EM PORTUGUÊS E INGLÊS Objetivo: Estudantes pode ser: <ul style="list-style-type: none"> • Traduzir as frases em Português e Inglês. - 100 frases basicas de conversação em Inglês e Português. https://www.youtube.com/watch?v=GIWc-EXEQaw	- Click the link to answer the questions. https://forms.gle/MxdJXKfdtLZL4zHP6