
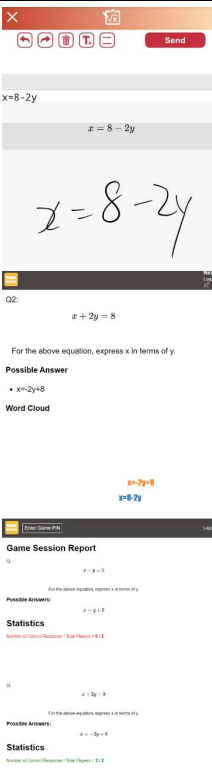




Junior Secondary Mathematics Curriculum (S1 – S3)

Learning Unit 9 – Linear Equations in Two Unknowns Active Learning Lesson Activity

Review and Warm up

Teacher's Activity	Students' Activity
<p>Teacher:</p> <p>Badaboom! will be used to review prior knowledge.</p> <p>[Answer Type: Math Equation Doodle]</p> <p>Q1. $x - y = 5$ For the above equation, express x in terms of y.</p> <p>Q2. $x + 2y = 8$ For the above equation, express x in terms of y.</p> <p>Q3. $4x + 3y = 7$ For the above equation, express y in terms of x.</p> <p>Q4. $x + 4y = 10$ For the above equation, express y in terms of x.</p> <p>Q5. $y = \frac{2x+3}{8}$ For the above equation, express x in terms of y.</p> <p>Q6. $y = 3x + \frac{1}{2}$ For the above equation, express x in terms of y.</p> <p>Q7. $\frac{y+3x}{2} = \frac{4y-x}{3}$ For the above equation, express y in terms of x.</p> <p>Q8. $3 = \frac{x-2y}{4y+2}$ For the above equation, express y in terms of x.</p>	<p>Students:</p>  <p>https://playbadabing.com/</p> <p>Enter the game room by scanning the QR code and entering the game pin.</p> <p>Actively work out the solution and participate in Badaboom! gaming competition</p> 

Remark:

To create a game with these questions, please


- 1) Visit Badaboom! (<https://playbadabing.com/>) and create a game
- 2) Tick the box "Advanced...", press "Automatically Manage Folder" and choose "Use Other Folder" instead
- 3) Paste the folder ID (folder_5f62d4a278ece40017233088) and press "Go to Folder"
- 4) You can now start a game with these questions!



初中數學課程（中一至中三）

學習單元 9 – 二元一次方程 主動學習課堂活動

複習及課前準備

老師的教學活動	學生的學習活動
<p>老師：</p> <p>以 Badaboom! 溫習先備知識。</p> <p>[問題形式：數學式繪板]</p> <p>Q1. $x - y = 5$ 令 x 成為上述公式的主項。</p> <p>Q2. $x + 2y = 8$ 令 x 成為上述公式的主項。</p> <p>Q3. $4x + 3y = 7$ 令 y 成為上述公式的主項。</p> <p>Q4. $x + 4y = 10$ 令 y 成為上述公式的主項。</p> <p>Q5. $y = \frac{2x+3}{8}$ 令 x 成為上述公式的主項。</p> <p>Q6. $y = 3x + \frac{1}{2}$ 令 x 成為上述公式的主項。</p> <p>Q7. $\frac{y+3x}{2} = \frac{4y-x}{3}$ 令 y 成為上述公式的主項。</p> <p>Q8. $3 = \frac{x-2y}{4y+2}$ 令 y 成為上述公式的主項。</p>	<p>學生：</p>  <p>https://playbadabing.com/</p> <p>掃描 QR 碼並輸入 PIN 以進入遊戲房間</p> <p>積極解題、參與 Badaboom! 遊戲競賽</p> 