


Junior Secondary Mathematics Curriculum (S1 – S3)

Learning Unit 11 - Polynomials 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>Q1. [Answer Type: Multiple Answer MC] Which of the following is a polynomial? A. $416 + 33$ B. $y = 2$ C. $\frac{2y}{3x}$ D. $3x + y - 2$</p> <p>Q2. [Answer Type: Single Answer MC] $\frac{2x^2 - x + 3}{5}$ For the above polynomial, what is the number of terms? A. 1 B. 2 C. 3 D. 4</p> <p>Q3. [Answer Type: Text Answer] $6x - y + 4$ For the above polynomial, what is the coefficient of y?</p> <p>Q4. [Answer Type: Math Equation Doodle] $\frac{x}{2} - 3y + \frac{2}{5}$ For the above polynomial, what is the constant term?</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> <p>Q1: A, D Q2: A Q3: -1 Q4: $\frac{2}{5}$</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_5f62d4c178ece40017233089) 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 11 - 多項式 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>Q1. [問題形式：多項選擇題 (非單一答案)] 以下哪個是多項式? A. $416 + 33$ B. $y = 2$ C. $\frac{2y}{3x}$ D. $3x + y - 2$</p> <p>Q2. [問題形式：多項選擇題 (單一答案)] $\frac{2x^2 - x + 3}{5}$ 以上的多項式中，有多少個項? A. 1 B. 2 C. 3 D. 4</p> <p>Q3. [問題形式：文字答案] $6x - y + 4$ 以上的多項式中，y 的係數是什麼?</p> <p>Q4. [問題形式：數學式繪板] $\frac{x}{2} - 3y + \frac{2}{5}$ 以上的多項式中，常數項是什麼?</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> <p>Q1 : A, D Q2 : A Q3 : -1 Q4 : $\frac{2}{5}$</p>