

# SCORING GUIDE “Do Bees Build It Best?” PORTFOLIO

<b>1.etter Introduction (36 pts)</b>	<b>MAX SCORE</b>
a. Identify and describe the main mathematical ideas	<b>12</b>
b. Describe how the key ideas of area and volume were developed	<b>12</b>
c. Describe how the key ideas of area and volume were used to solve the central problem	<b>12</b>
<b>2. Explanation for Selected Papers (20 pts)</b>	
a. Describe why you selected the POW you included in your portfolio	<b>10</b>
b. Describe how the additional work you included demonstrates your best efforts	<b>10</b>
<b>3. SELECTED PAPERS FROM SOLVE IT! (24 pts)</b>	
a. Homework 28: Portfolio of Formulas1	<b>10</b>
b. Selected POW	<b>6</b>
c. Other High Quality Work	<b>8</b>
<b>4. Personal Growth (16 pts)</b>	
a. Describe the project’s role in helping you understand the mathematical ideas of the unit	<b>4</b>
b. Describe the project’s role in giving you an appreciation for the usefulness or significance of the mathematical ideas in the unit	<b>4</b>
c. Describe any experiences of working with a partner on an extended project	<b>4</b>
d. Describe any other thoughts about your experiences you want to share about working on a project	<b>4</b>
<b>5. SELF-ASSESSMENT OF PORTFOLIO (4 pts)</b>	
a. Grade and Justify your work using a self-assessment scoring rubric	<b>4</b>
<b>TOTAL SCORE</b>	<b>100</b>