

“Unwrapping” the Standards

1. Choose a course priority standard for the “unwrapping process”.
2. Skills: Circle the verbs – what *students* need to do.
3. Concepts: Underline nouns and noun phrases that represent *teachable concepts*.
4. Compose Big Idea statements

Content Area: Math

Grade Level: 7th

Standard: 7.G.1

<p>Domain: Geometry (G)</p> <p>Cluster: Draw, construct and describe geometrical figures and describe the relationship between them.</p> <p>Standard: 7.G.1 - Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale. (DOK 1,2)</p>		
1. Skills (verbs)	2. Key Concepts (nouns)	3. Additional Clarifications / Examples
Students need to be able to do.....	Students need to know.....	
<p>Solve</p> <p>Compute</p> <p>Reproduce</p>	<p>Problems involving scale drawings of geometric figures</p> <p>Actual lengths and area from a scale drawing</p> <p>A scale drawing at a different scale.</p>	<p><u>Example:</u> In Ann’s house there are 3 rooms that are all similar: her bedroom, the living room and the bathroom. The bedroom and living room are shown below.</p> <ol style="list-style-type: none"> Find the scale factor from the bedroom to the living room. Find the missing dimension and the area of the living room. The bathroom in Ann’s house is half the size of the living room. Sketch the bathroom and label its dimensions. <div style="text-align: center; margin-top: 20px;"> </div>
<p>4. Big Idea(s) in student language: Students will find the scale factor in order to compute lengths and areas and create a scale drawing when given the scale factor.</p>		

