

**Table 1: Template for a Content Representation (CoRe)**

<b>PEDAGOGICAL QUESTIONS/PROMPTS</b>	<b>BIG IDEA 1</b>	<b>BIG IDEA 2</b>	<b>BIG IDEA 3</b>
What you intend the students to learn about this idea			
Why is it important for the students to know this?			
What else you know about this idea (that you do not intend students to know yet)			
Difficulties connected with teaching this idea			
Knowledge about student thinking which influences teaching about this idea			
Other factors that influence your teaching of this idea			
Teaching procedures (and particular reasons for using these to engage with this idea)			
Ways of ascertaining student understanding or confusion about the idea			