

**TABLE 3.1** Example of Matrix of Responses to Preassessment

<b>Rocks and Minerals</b>						
<b>Student's Name Grade 4</b>	<b>Rock vs. plant</b>	<b>Ways rocks are formed</b>	<b>3 types of rocks + examples</b>	<b>Mineral + examples</b>	<b>Classroom objects = minerals</b>	<b>Measure hardness of mineral</b>
<b>Bill</b>	Y	Y	N	N	N	N
<b>Kathy</b>	Y	Y	Y	Y	Y	N
<b>Dan</b>	N	N	N	N	N	N
<b>Maria</b>	Y	Y	Y	N	N	N
<b>Christine</b>	Y	N	N	N	N	N
<b>Melinda</b>	Y	N	N	N	N	N
<b>Peter</b>	Y	N	N	N	N	N
<b>Jaime</b>	Y	N	N	N	N	N
<b>Etc.</b>						