

<b>Science Reading Stems</b>	<b>Science Talking Stems</b>	
<p><b>Questioning</b></p> <ul style="list-style-type: none"> <li>• A question I have is ...</li> <li>• I wonder about ...</li> </ul> <p><b>Predicting</b></p> <ul style="list-style-type: none"> <li>• I predict that ...</li> <li>• I think this is ...</li> <li>• This is important because ...</li> </ul> <p><b>Visualizing</b></p> <ul style="list-style-type: none"> <li>• I can picture ...</li> <li>• I can see ...</li> </ul> <p><b>Making Connections</b></p> <ul style="list-style-type: none"> <li>• This is like ...</li> <li>• This reminds me of ...</li> <li>• This is an example of ...</li> </ul> <p><b>Identifying a Problem</b></p> <ul style="list-style-type: none"> <li>• I'm confused about ...</li> <li>• I'm not sure of ...</li> <li>• I didn't expect ...</li> </ul> <p><b>Summarizing</b></p> <ul style="list-style-type: none"> <li>• So what it is saying is ...</li> <li>• The big idea here is ...</li> </ul> <p><b>Using Fix-Ups</b></p> <ul style="list-style-type: none"> <li>• I'll re-read this</li> <li>• I'll read on &amp; check back</li> </ul> <p><b>Modeling</b></p> <ul style="list-style-type: none"> <li>• This helps me explain ...</li> <li>• This goes against ...</li> <li>• This reinforces ...</li> <li>• So the cause(s) is/are ...</li> <li>• So the effect(s) is/are ...</li> </ul>	<p><b>Listening and responding to one another</b></p> <ul style="list-style-type: none"> <li>• [My partner or group] pointed out that ...</li> <li>• We decided/agreed that ...</li> <li>• We had a different approach ...</li> <li>• Like what ____ said, I also think ...</li> <li>• I agree with ____'s idea that ...</li> <li>• Maybe we could ...</li> <li>• What if we ...</li> <li>• Here's something we can try ...</li> <li>• What do you think? Do you agree?</li> <li>• We haven't heard from you yet.</li> <li>• If I could finish my thought ...</li> <li>• What I was trying to say was ...</li> </ul> <p><b>Generating explanations/models and using evidence to support ideas</b></p> <ul style="list-style-type: none"> <li>• I think ... because ... so ...</li> <li>• ____ may be because of ...</li> <li>• This led to ...</li> <li>• Initially ... then ...</li> <li>• The question/problem is ...</li> <li>• A solution could be...because ...</li> <li>• I think ... because of this evidence ...</li> <li>• The evidence tells us that ...</li> <li>• Where did you find information that supports ____?</li> <li>• I wanted to ask about this part of your model ... Why ...?</li> </ul>	<p><b>Expressing your opinion</b></p> <ul style="list-style-type: none"> <li>• My idea is similar to ____'s idea...</li> <li>• I agree with ____ that ____</li> <li>• I hadn't thought of that ...</li> <li>• I see what you mean ...</li> <li>• I disagree with ____'s idea because ...</li> <li>• Our group sees it differently ...</li> <li>• I heard ____ say but I think ____</li> </ul> <p><b>Clarifying, questioning &amp; extending ideas</b></p> <ul style="list-style-type: none"> <li>• I wonder if ...?</li> <li>• Something I wonder about is ...</li> <li>• Why does ...?</li> <li>• I don't understand why ...</li> <li>• ... is different from ...</li> <li>• ... is in contrast to ...</li> <li>• ... is just like ...</li> <li>• What do you mean?</li> <li>• Will you explain that again?</li> <li>• So you are saying ...</li> <li>• What I hear you saying is ...</li> <li>• How did you know that? Where did you find that?</li> <li>• What made you think that?</li> <li>• I guess/predict/imagine that ...</li> <li>• Based on that, I infer ...</li> <li>• I hypothesize that ... because ...</li> </ul>