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| Making a claim          | I observed _____ when _____.<br>I compared _____ and _____.<br>I noticed _____, when _____.<br>The effect of _____ on _____ is _____.  |
| Providing evidence      | The evidence I use to support _____ is _____.<br>I believe _____ (statement) because _____<br>(justification).<br>I know that _____ is _____ because _____.<br>Based on _____, I think _____.<br>Based upon _____, my hypothesis is _____.   |
| Asking for evidence     | I have a question about _____.<br>Does _____ have more _____?<br>What causes _____ to _____?<br>Can you show me where you found the information about _____?   |
| Offering a counterclaim | I disagree _____ because _____.<br>The reason I believe _____ is _____.<br>The facts that support my idea are _____.<br>In my opinion _____.<br>One difference between my idea and yours is _____.   |
| Inviting speculation    | I wonder what would happen if _____.<br>I have a question about _____.<br>Let's find out how we can test these samples for _____.<br>We want to test _____ to find out if _____.<br>If I change _____, (variable in experiment) then I think<br>_____ will<br>happen, because _____.<br>I wonder why _____?<br>What caused _____?<br>How would this be different if _____?<br>What do you think will happen if _____ / next? |
| Reaching consensus      | I agree _____ because _____.<br>How would this be different if _____?<br>We all have the same idea about _____.  |

Ross, D., Fisher, D., & Frey, N. (2009). The art of argumentation. *Science and Children*, 47(3), 28-31.