STeLLA: Communicating in Scientific Ways

	What a Scientist Does	Symbol	What a Scientist Says
1.	Ask why and how questions.	8	How come? I wonder Why? How do they know that?
2.	Observe.		I see I noticed I recorded I measured
3.	Organize data and observations.		I see a pattern I think we could make a graph Let's make a chart
4.	Think of an idea, claim, prediction, or model to explain your data and observations.		My idea is I think that We could draw a picture to show I think it looks like this
5.	Give evidence for your idea or claim.		My evidence is The reason I think that is I think it's true because
6.	Reason from evidence or models to explain your data and observations.		The reason I think my evidence supports my claim is because The model shows that
7.	Listen to others' ideas and ask clarifying questions.	R	Are you saying that? What do you mean when you say? What is your evidence? Can you say more about?
8.	Agree or disagree with others' ideas.		I agree with because I disagree with because
9.	Add onto someone else's idea.		I want to piggyback on's idea. I want to add onto what said.
10.	Search for new ideas from other sources.		We could get some new ideas from
11.	Consider whether new ideas make sense.	YES NO	That idea makes sense to me because That idea doesn't make sense because What's the evidence?
12.	Suggest an experiment or activity to get more evidence or to answer a new question.		What if we? We could get better evidence if we
13.	Let your ideas change and grow.		I think I'm changing my idea. I have something to add onto my idea.