Talk Activities Flowchart
Which talk activities can I use with my students?

What is the purpose of the talk activity?
- To get students to critique and get feedback on science models
- To get students to revise their thinking
- To reach consensus
- To get students to explain their thinking

Where are students in their completion process?
- They are working on models
- They have completed models

How will students think about this phenomenon best?
- Through Written Language
- Through Images

Are you going to moderate discussion?
- No; this is a chance for them to "work out" their ideas
- Yes; I am curious what they're thinking

Where are you in the unit?
- Beginning
- Middle
- End

Are you going to moderate discussion?
- Share-Trade
  - Students observe a phenomenon, write, share with a partner, then trade and share again.
- Claim-Pass
  - Students write a claim at the top of a piece of paper and pass the pencil. Each adds a piece of evidence or experience and passes pencil to the next person.
- Idea Coaching
  - In a pair, one student "coaches" while the other explains. Then switch.

Agree-Disagree Line
- Teacher poses a question for students to agree or disagree with and they move their bodies to respond.

Three Stay-One Stray
- One person "strays" from each group and acts as a critic of another group's models while the three remaining write their criticism.

All-Day Post-Its
- Student models are left out all day for students in other class periods to critique with post-its — and maybe other teachers, too.

Write and Pass
- Students write their ideas and pass them around to their tablemates, who add comments to their ideas. Then students write a revised statement.

Four Quadrants
- Print four statements on a paper and students at each table "vote" by placing an object on the statement they agree with and explain why.

Discussion Diamond
- Students write their ideas in each corner of the same paper, share merits of their ideas, and their consensus in the middle.

All-Class Science Talk
- Teacher poses a question for students to answer with data and reasoning, encouraging students to talk to each other.