Talk Activities Flowchart INSTITUTE for Which talk activities can I use with my students? Science + Math EDUCATION What is the purpose of the talk activity? To get students to explain To get students to critique and their thinking get feedback on science models To get students to To reach revise their thinking consensus Where are you in the unit? Where are students in their completion process? How will students **Beginning** Middle End Are you going to think about this phenomenon best? moderate discussion? They are working They have completed models on models Share-Trade Idea Coaching Claim-Pass **Three Stav-One Students** In a pair, one Students write a Agree-Disagree All-Day Post-Its Strav observe a student claim at the top Line phenomenon, "coaches" of a piece of Student models One person write, share with while the paper and pass Teacher poses a are left out all "strays" from a partner, then other the pencil. Each auestion for dav for students each group and trade and share explains. Then adds a piece of students to in other class acts as a critic of again. switch. evidence or agree or periods to another group's experience and No: this is a disagree with critique with models while passes pencil to and they move post-its — and chance for the three the next person. their bodies to Through Yes: I am maybe other them to remaining write **Through** respond. Written curious what teachers, too. "work out" their criticism. **Images** they're thinking Language their ideas **Write and Pass Four Quadrants All-Class Science Talk Discussion Diamond** Students write their ideas Print four statements on a Teacher poses a question Students write their ideas and pass them around to paper and students at each in each corner of the same for students to answer their tablemates, who add table "vote" by placing an with data and reasoning, paper, share merits of their comments to their ideas. object on the statement ideas, and their consensus encouraging students to Then students write a they agree with and talk to each other BY KERRI WINGERT & ABBY in the middle.

explain why.

revised statement.

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