

TIPS FOR YOU!

Just a few things to remember about using procedures in a STEM event.

Teach procedures. Remember, just telling students how something should be done is usually not enough. Repeated reminders, modeling, demonstrations, and lots of practice is the key.

Be intentional. Think through how you would like to see planning and teamwork occur. Explain it to students. Demonstrate. Repeat until it becomes a routine that is followed.

Model. Pretend you are the student. Talk through what you would do for sketching, sharing, and decision making.

Demonstrate. Have one group work through the step you are teaching as the others watch. When you are ready for the next step of your procedures lesson you might choose a different team.

Practice. After each small part have every team carry out the parts of the lesson you just shared with them. They have listened to you and watched a demonstration. Now, it is their turn.

Repeat. Do this every time a class is ready for STEM. Repeat the entire sequence of lessons until it begins to be routine.

Narrow the lesson. After repeating the procedural lesson a few times, try narrowing the lesson a little. Let the class know you will use a clue phrase. Start, with *Sketch your idea*. Later, you can change this just to *sketch* and teams will know that it is time for every student to sketch his or her idea.

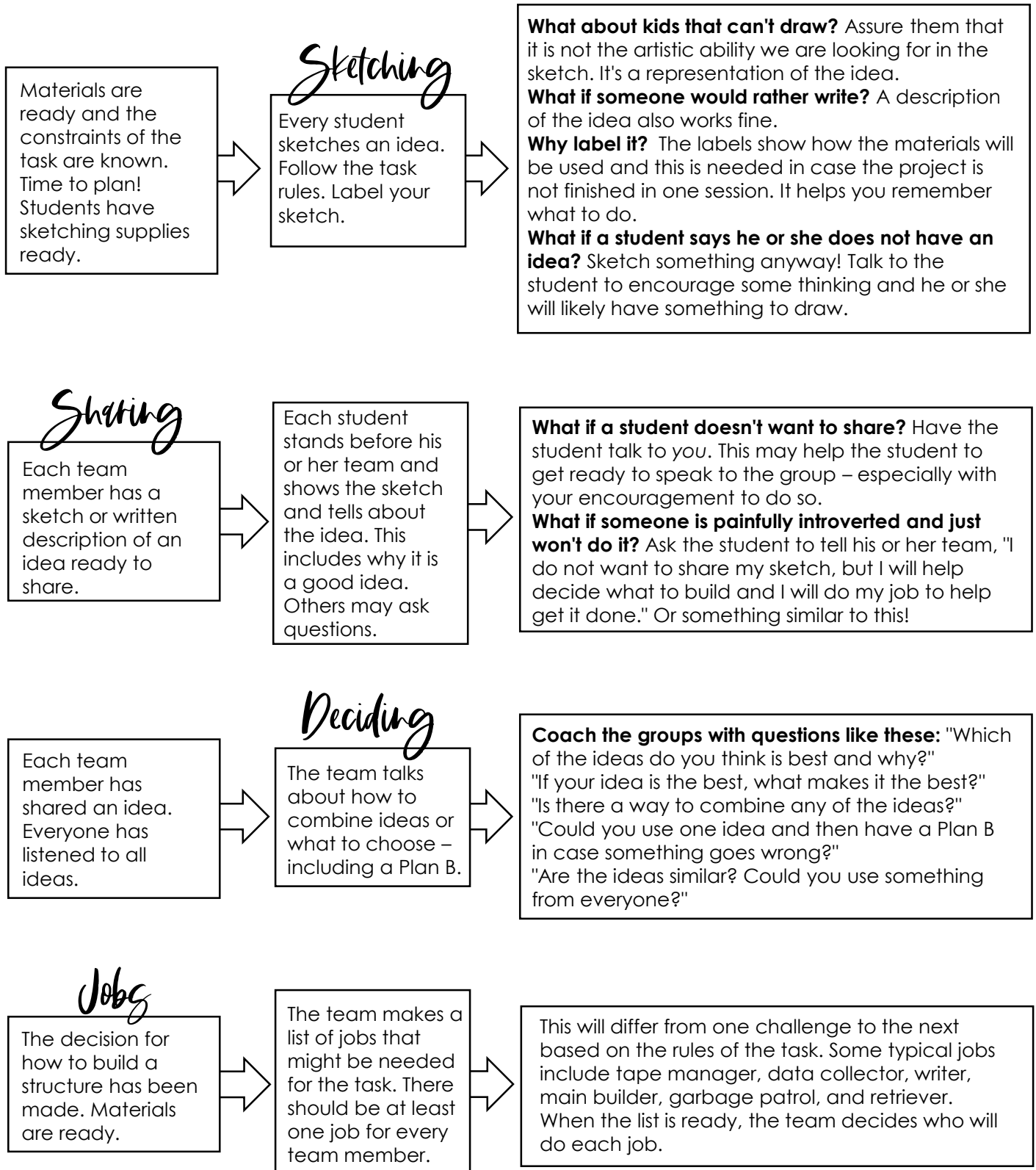
Post your one-word cues. Tell students you will always remind them to follow the procedures for planning by using one-word cues.

SHORT PHRASES	ONE-WORD CUES
Sketch your ideas	Sketch
Share your ideas	Share
Make a decision	Decide
Choose jobs	Jobs

Does this take a lot of time? At first, it does. However, just like teaching procedures in a regular classroom, the payoff is huge. After about a month some classes will be planning without your cues. Others may still need the phrases or one-word cues. The key for this to work is to be intentional with teaching your expectations, model, and practice. Your goal is for these procedures to be followed even if you do not announce cues!

A PLANNING PROCEDURE FOR KIDS!

You have explained the STEM Project, you have the materials ready, students are in their groups, and it's time to plan! Here's a simple procedure to help this go smoothly- with some reminder tips, and a bonus!



Stay patient

and

trust

your

journey.





If you have any questions or concerns, please email me at teachersareterrific@gmail.com.

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