



## **TOOL // Learning Skills in the Makerspace (Pre-assessment)**

### **What is it used for?**

This tool is a student self-assessment survey that, along with a short interview, helps a classroom teacher determine strengths and next steps for individuals in terms of Learning Skills. It is focused on the use of Makerspace. With a class set of surveys, trends can be used to guide the co-construction of success criteria for the Learning Skills identified as a focus.

### **How do you use it?**

It is important that Learning Skills are assessed, taught, and evaluated throughout the year. With the growing popularity of Makerspaces and STEM activities, this assessment can be used early in the year as teachers introduce students to the skills that may be needed throughout the year in different curriculum areas and to the options that are available to them in a Makerspace. Early in the year, the students self-assess their strengths and challenges and through an interview with the teacher they identify their next steps. Over the course of the year the tool can be revisited to adapt or set new goals. The tool can also be the basis for conversations with parents about how to support their child in the development of the important Learning Skills for success.

### **How do you adapt it to other subjects and topics?**

There are several bullets for each Learning Skill identified by Growing Success. This survey represents only a portion of those bullets. These questions or similar questions based on the bullets in Growing Success could be used across the curriculum.

## Learning Skills in the Makerspace

| Learning Skill     | Statements   | How did I do?    |                     |                        |
|--------------------|--|------------------|---------------------|------------------------|
|                    |  | I need practice. | I'm getting better. | I am proud of my work. |
| Responsibility     | I made good choices and behaved well.  | —                | —                   | —                      |
| Organization       | I made a plan before I started and I followed my plan.   | —                | —                   | —                      |
| Independent Work   | I stayed focused and met my goals for the day.   | —                | —                   | —                      |
| Collaboration      | I shared tools and materials with others.<br>I spoke nicely to others and listened to their ideas.   | —<br>—           | —<br>—              | —<br>—                 |
| Initiative         | I was happy to try something new or I had a new idea to try.   | —                | —                   | —                      |
| Self-regulation    | I kept trying when things got hard and I ask for help when I really need it.   | —                | —                   | —                      |
|                    |  |                  |                     |                        |
|                    | Questions  | Notes            |                     |                        |
| Interview section: | <p>What part of your work habits were you most proud of?</p> <p>What do you think you could work to improve?<br/>(If you don't agree, have a discussion based on what you observed.)</p> <p>How would that help your learning or work in the makerspace?</p> |                  |                     |                        |