Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

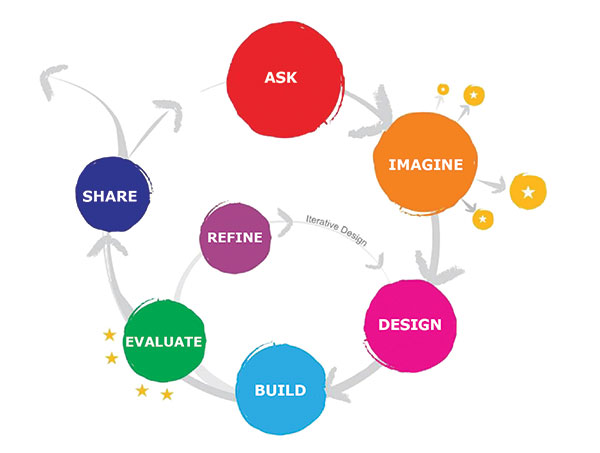
**Design Thinking**

**A Creative Process**

**Notes:**

***Design Thinking is*** a creative problem-solving process that creates balanced thinking by combining analytical thinking, critical thinking and practical skills, through hands-on projects, inquiry, problem-solving, investigation of many solutions, sketching, building of prototypes, and collaborating to provide and receive feedback.

*We will be using the STEM Fab Studio Design Process.*



**Ask**  
“Ask” is where we conceptualize the problem facing the artist. Identify and define the problem/idea to be solved. For this unit, we will answer the following question by developing ideas and creating a work of art.

**What is the problem or idea for this project?**

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**Imagine**  
“Imagine” is where the you research all the parts of your problem/idea and come up with possible solutions. Your research will include the following:

* Your own culture
* The culture of one classmate different than yours
* Mixed Media techniques and processes

You will complete a concept map after you have collected all of your research to process what you’ve learned and decide how you can apply it to your final project.

\*\*Don’t get too attached to any one idea at this stage in the process.

**Design**  
“Design” is where you take your ideas, decide on an approach, and envision your solution. In this step, you will:

* Create (3) different design/artwork sketches of your final project idea.
* Create at least (2) different mixed media explorations on sketchbook paper. You must include a minimum of 2 mediums, for each exploration.

**Build**  
“Build” is the making of a prototype from your design. In other words, you will create your final work of art.

**Evaluate**  
“Evaluate” is where we look at what we’ve built, test it, and assess it. Your process will include:

* Participating in a Peer Critique. (Critique questions provided)
* You will peer critique with the classmate you shared your cultural finding with in the “imagine” step of this process.

**Refine**  
“Refine” is where you respond to the peer critique feedback. You will consider the results of your peer critique and make any final adjustments to your final artwork. Be sure you are representing each culture appropriately and that your work is neat and you have followed the project specifications.

**Share**  
“Share” is when you share your final results. We will display everyone’s work in the hallway and participate in a “gallery walk”.