FISH TRAP STUDENT SHEET — Kaxdegoowu Héen Sháali

Names of Team Members:

Date:

Instructions

Design a trap

- Choose an object to trap such as a marble, a linking cube, a coin, etc
- Using the materials you have gathered, design a trap that the object can be forced into but does not come out of easily.

Things to consider

- How heavy is the object you are trapping?
- How much pressure will have to be applied to get the object into the trap?
- How much pressure would have to be applied to get the object out?

Make a plan

- Brainstorm some ideas with your team.
- Decide on some materials to try and list them.
- Make a sketch of your idea **before** you begin to build.

When you are finished you will:

- Present your trap to the class:
  - Explain the characteristics of the object you choose to trap (size, weight, ect)
  - Explain the materials you used to design their trap.
  - Demonstrate whether or not the trap worked.
  - Describe the process you went through,
    - Did it work on the first try?
    - If not, what modifications were made?
    - Were you able to get it to work at all?
    - If not, why do you think the trap was not successful?
- After experiencing making a trap, describe what things the Tlingit people considered when designing a salmon trap.

Self Evaluation Checklist:

YES	NO	
		Our team brainstormed ideas together and all voices were heard.
		We created a sketch and included a materials list.
		We tried our trap and made modification if needed.
		We thoughtfully discussed what the designers of Tlingit fish trap must of considered when designing the cylindrical fish trap.
		We spoke loudly and clearly when presenting our traps.
		We listened carefully and respectfully to other teams presentations.