1st Grade: Structure, Function and Information Processing: "Biomimicry in My World"

Driving Question: How can I develop a tool that helps humans and that is inspired from nature?

Content:

1-LS1-1. Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

W.1.2 Write informative/explanatory texts in which they name a topic, supply some facts about the topic, and provide some sense of closure.

1.MD.4 Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

SL 1.1 Participate in collaborative conversations with diverse partners about grade 1 topics and text with peers and adults in small and large groups

SL 1.3 Ask and answer questions questions about what a speaker says in order to gather additional information or clarify something that is not understood

Major Products: Students will create their invention and make flipgrid videos to share their inventions with their classmates; Students will share their inventions with their cohorts

Public Presentation: Students will present their inventions with the students in their cohorts. All students will also present their inventions using a Flipgrid video presentation so their peers at home can learn about their creations.