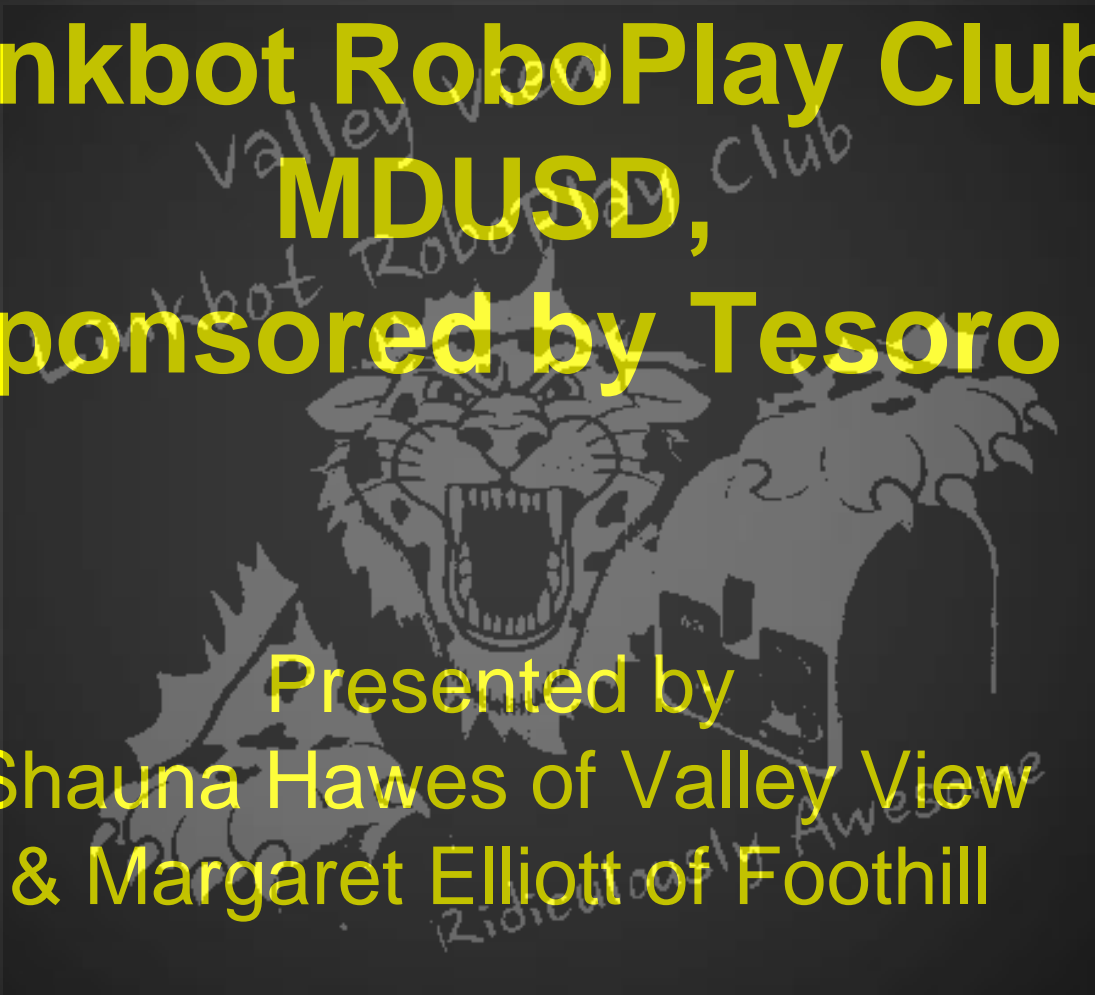


The Linkbot RoboPlay Clubs of MDUSD, sponsored by Tesoro

A faded, light-colored background image is centered on the slide. It features a tiger's head on the left, roaring with its mouth wide open, showing its teeth. To the right of the tiger's head is a Linkbot robot, which is a small, cylindrical robot with a camera lens and various sensors. The background image is semi-transparent and serves as a backdrop for the text.

Presented by
Shauna Hawes of Valley View
& Margaret Elliott of Foothill

The Tesoro Grant to MDUSD for After School STEM Clubs

**allowed each school to choose its own program and to
customize its club to meet the needs of its students and
staff.**

**The Linkbots and the C++ programming environment were
developed by the UC-Davis C-Stem Center.**

Valley View
Linkbot Roboplay Club



Ridiculously Awesome

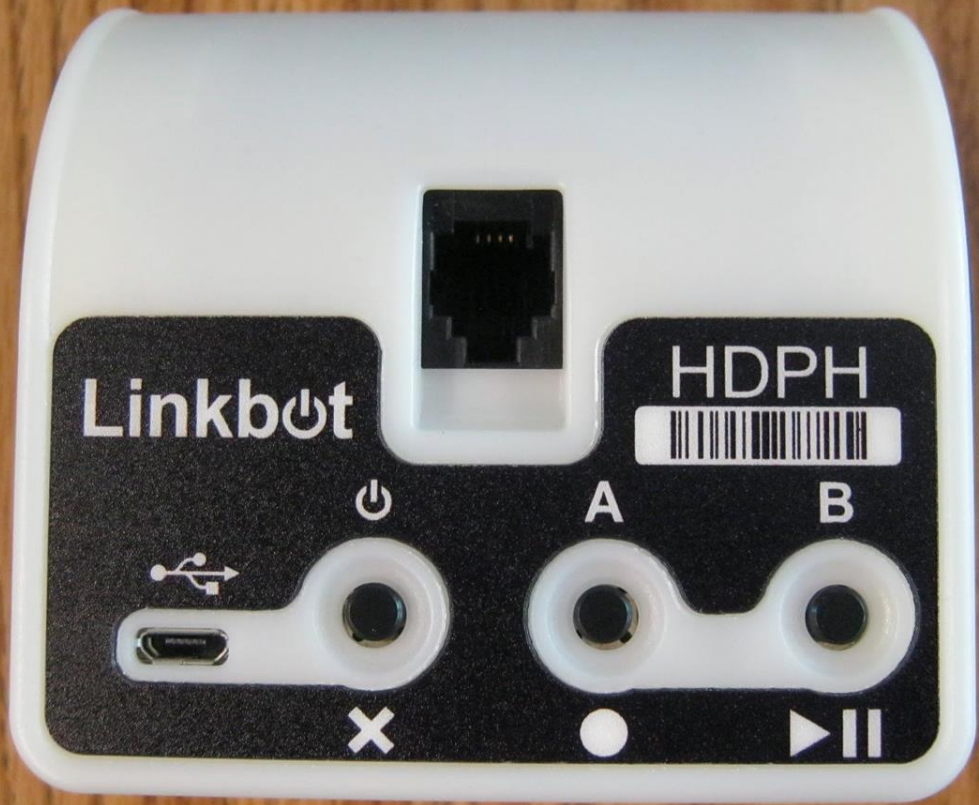
FootHill
Middle School
Home of the Griffins



LINKBOTS
+ C-STEM

With other clubs established and starting at
Sequoia Middle School,
Diablo View Middle School,
Pleasant Hill Middle School
El Dorado Middle School





Linkbot

HDPH



A

B



Two Outcomes of Programming

1. Making the computer do work for us (math, calculations, plotting graphs...)

-or-

1. Programming another object to do work for us (robots, the thermostat, the oven, etc.)

Red Light,
Green Light,
Programming-
style!



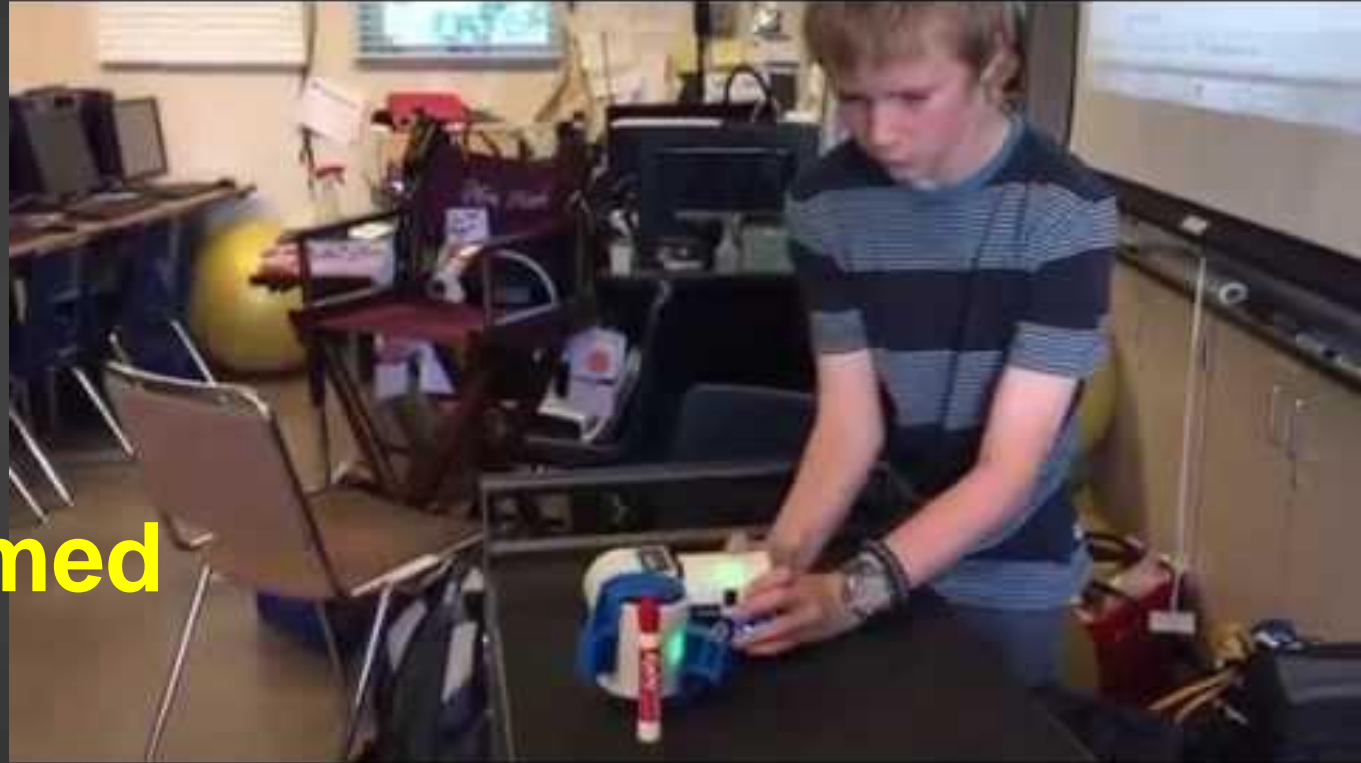
**Multiple
Robots,**

**Multiple
Movements**



**Pride
and
Joy**

**Designed
&
Programmed
by 6th
Graders!**



Pride and Joy Part II

Improvement
Ideas by 6th
Graders!



Visit our Club Website

Valley View: <https://goo.gl/tvHufJ>

Foothill: <https://goo.gl/8WNzXY>

Includes:

Lesson plans for each week

Announcements

Pictures

Barobo videos

Competition information

Additional Comments/Questions