



CODE MAKE OWN

October, 2018

Dear Parents,

In STELLAR, your child will have the opportunity to use the coding program KidOyO to learn how to code.

Students can use any internet device to access the KidOyO program with their student login and password. As students complete coding challenges they can earn digital badges to add to their KidOyO portfolio. KidOyO allows students to learn coding skills through a game based environment where students get to complete challenges and design their own digital mazes. To learn more about this program you can visit <https://oyoclass.com>.

One of the programs that students will have access to is Mazecode. This program challenges students to move an avatar through a maze by selecting blocks on how the avatar is to move through the maze. As students complete mazes they will move through different levels learning about embedded loops and conditionals as they transition from block-base to text-based coding.

Another program Hatch!, is KidOyO's version of MIT's Scratch. Students will get to create a Sprite and control that Sprite's movement utilizing an x,y coordinate system. Students will have the opportunity to build their own sprite, change backgrounds, and create animations through the use of a drag and drop block base code.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Dara Perlow
STELLAR Teacher