



ROBERT D. REYNOLDS SCHOOL
391 West Saddle River Road
Upper Saddle River, New Jersey 07458

Dear Parents,

Over the next two weeks all K-2 students will be participating the global [Hour of Code](#) initiative. As we have done in the past, we are catering this event to meet the needs of our students. First, students will learn an online game with Mrs. Cucci in Tech/Media class. Afterwards, students will continue their experience with Coding in class. Kindergarten classes will complete unplugged activities to understand the basics of coding and computer parts. First grade classes will make use of the STEM lab to learn coding on the iPads with the Lightbot app and also using the Osmo Coding program. Second grade classes will explore a coding game using the Chromebooks. Your child may like to continue their coding practice at home. Please use the attached links to play the online coding activities at home:

Kindergarten: The Foos

<http://thefoos.com/webgl/>

Objective: Help The Foos find the coins by using different coding commands to program the movements.

Directions: Use the link on the Reynolds homepage.

Grade 1: Tynker Candy Quest

<https://www.tynker.com/hour-of-code/>

Objective: Design and program your own character and then use different coding commands to work through a multi-level quest for candy. Students will learn to use more advanced coding techniques like “repeat”.

Directions: Students use their Clever badge and click on Student Websites link.

Please Note: These are commercial sites that offer programs to purchase. We do not endorse purchasing any products and encourage you to follow the directions to go to the free game.

Grade 2: Minecraft

<https://studio.code.org/s/mc/stage/1/puzzle/1>

Objective: Think through challenges to write and code to help Steve/Alex build and plant crops. Students will view celebrity videos explaining the importance of coding. Additionally, students will learn to use more advanced coding techniques like “repeat” and “if, then”.

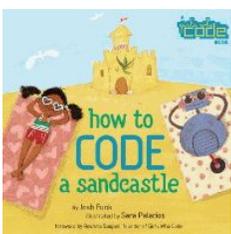
Directions: Students use their Clever badge and click on Student Websites link.

Thank you and Happy Coding!

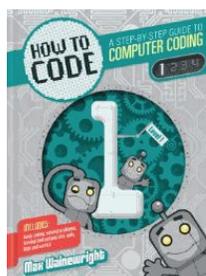
Mike Padilla

Assistant Director of Technology Media Services

Coding Books For Kids



How to Code a Sandcastle
By Josh Funk



How to Code a Step by Step Guide to Computer Coding
BY: Max Wainwright