

SUMMER DAY CAMPS

IGNITING IMAGINATIONS

Dear Camp Families,

We are so excited about LEGO WeDo robotics camp this week! We will be building many different models and learning how to program them using the WeDo software. This week your child will explore what it means to be an engineer and talk about different kinds of engineers, their jobs and how they are significant in today's world. We'll start by exploring Simple Machines and define the job of each specific one. We will also learn how simple machines are an integral part of the models we build and how it helps the model function to do its job.

Early in the week, we will use the LEGO WeDo kits and software to build and program "twirling birds" that tweet and spin, and a "drumming monkey" that will tap out different beats through changes in gear configuration and motor speed. Models that use sensors include an alligator "chomping" and a lion that "roars" and sits up! The campers will also be building and programming a house, race car and a Ferris Wheel using LEGO WeDo extension kits!

We will use engineering vocabulary, conduct experiments to build our programming knowledge and learn to become problem solvers utilizing a variety of fun strategies. We may also discover that sometimes what we think is a "mistake" can actually be used to show us new, different and exciting ways to learn more!

Parents are invited to visit our classroom on Friday from 1:45 - 2:00 pm to see what we have learned at camp. Thanks for sharing your young engineer with iSPACE this week!

Commanders Ashlynn & JoAnn

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