

# SUMMER DAY CAMPS

IGNITING IMAGINATIONS

Dear Camp Families,

Welcome to the iSPACE Summer Camp! We will be learning about simple machines this week. Campers will learn what levers, pulleys, inclined planes, wedges, screws, wheels and axles are, and how they work. We will also be learning about potential and kinetic energy, renewable energy, force, motion, and friction. We will be using LEGO DUPLO Educational sets to provide ideal opportunities for young campers to help develop an understanding of science concepts through investigations and hands-on activities.

During camp, the campers will be building and testing the following models:

- Monday: pinwheels
- Tuesday: seesaw and raft (Campers, please wear clothes that are okay to get a little wet)
- Wednesday: spinners using gears
- Thursday: launching cars
- Friday: hockey players

We will be working in groups, teams and individually to help promote scientific inquiry. Campers will be encouraged to pose "What if..." questions based on their solutions. They will make predictions and then run trials to confirm their predictions or make another prediction.

On Friday, please make arrangements to be here at 11:45. The campers will be showing you their favorite build. There will also be a presentation of photos taken during camp.

Thank you for having your child participating in an iSPACE Summer Camp. I know they will have a BLAST!

Respectfully,  
Commander Debbie

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