Dear Families:

Today the children explored force and motion using ramps that they built out of blocks. They rolled cars and other objects down their ramps to explore how cars move at different speeds and travel different distances as they roll down ramps of different angles and lengths.

Then we discussed why these differences might have occurred and began to draw conclusions about the children’s observations.

If you have cars and materials that can be used to make ramps (cardboard, wood, flat materials and car or train tracks), you can explore force and motion with your child at home. Ask questions as you explore and ask your child to explain what is occurring when different objects travel down your ramp.

When you go outside, look for connections as you see cars moving up and down on roads or experiment with different objects on slides at the park.

Have fun exploring force and motion with cars and ramps!