Dear Families:

Today, we explored bridges in the classroom. The children discussed different bridges that they have seen and what they know about bridges. We also discussed how to design our own bridges. After our discussion, the children drew designs for bridges and built them with blocks and magnetic tiles. We then tested the bridges to see if they could support 20 linking cubes.

During this process, we engaged in engineering design while making predictions about which bridges would be able to support 20 linking cubes. During the design process, we followed the same techniques that real engineers do. The children came up with an idea, drew it out, constructed the bridge and then tested it to see how it worked.

When you’re in your neighborhood with your child, ask your child about different bridges that you might see. Make comparisons between bridges and discuss how those bridges might have been built. Recreate these bridges at home with a variety of materials and ask your child to test out the bridge.

Have fun observing and making bridges!