

Dear Parents and Guardians,

Each week we would love for your child to complete one of these puzzles. They need to submit their answers by Friday. It is OK if they are incorrect, the idea is to help students persevere and try new and more challenging puzzles.

Every child that submits an answer will receive a certificate they can show to their teacher next year. We hope this is fun and engaging, and that you have great conversations about how they approached solving the problem.

On Saturday we will post the solutions at www.crr.math.arizona on the Remote Learning Tab.

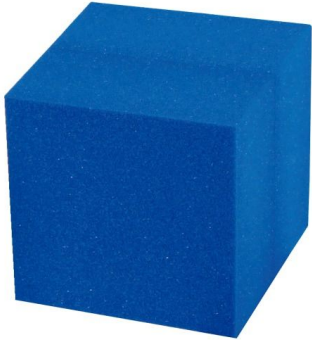
Week 7 Puzzle



Submit your solution to:

<https://forms.gle/4mdKKW2FBM1otGWD9>

Problem of the Week: **Blue Cubes?**



A wooden cube that is 20 cm on each side is composed of 1 cm x 1 cm x 1 cm cubes. If you paint the outside of the cube blue, how many cubes will have no blue paint?