



Building a Foundation

Learning Persistence through Challenges

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Directions:

- 1) Divide students into groups of 3 or 4.
- 2) Explain the rules of the challenge, provided on the other page.
- 3) Provide each group with limited supplies and make it known that they will get no more.
- 4) Challenge the class to think ahead to the problem and plan out their method of building their first tower.
- 5) Encourage students to begin building, then have them alert you when they think they've met the challenge described by the rules.
- 6) Test each structure. Is it taller than the cup? Does it hold a book?
- 7) If not, have students enter a cycle of planning, fixing, testing, and planning again until the challenge has been met.
- 8) Congratulate the students as they succeed and take pictures of the successful towers (if possible) to upload to the Code.org site!

