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| Month | Stem Challenge | Supplies List |
| August | **Marshmallow & Toothpick**  **Shape Build**  (Option) Paint marshmallows with water colors | * 5 boxes of toothpicks or 3 bags of spaghetti * 3 bags mini marshmallows * copies of worksheets   s NestArtifact sifterChallengers |
| September | Toilet Paper Tube Sail Cars | * 10 toilet paper tubes or paper towel rolls cut in two * 10 empty tissue boxes (fun designs to be used as wheels and sails * 20 skewer sticks with tips cut off * 10 regular popsicle sticks (plain or colored) * masking tape |
| October | Marble Mazes  Shoebox lid, straws, marble | * 15 shoe box tops or any other top with sides * 150 straws * 15 marbles |
| November | Day and Night Sky Diorama  Create items that go in the sky. | * 1 pkg. cotton balls * construction paper * 2 pkg. pipe cleaners * 30 popsicle sticks * Items from recycle bin * I roll of String * 2 rolls of clear tape |
| January | Pet Rock | * 10 extra rocks * 1 pkg. wiggly eyes * Silly colored hair |
| February | Umbrella Build | * **10** grocery bags * 10 sheets of copy or construction paper * 10 sheets of overhead plastic or other type of plastic (left over laminate) 8x11.5 * 100 straws * 100 craft sticks * Small teddy bear or use cutout below * Squirt bottle to test the umbrella |
| March | Paper Shape Animals | * Different sizes of colored construction paper cut into shapes. (Have a parent help with this or have the student cut their own shapes). * 1 pkg. googly eyes |
| April | Jack and the Beanstalk  Bean Balance | * 20 paper towel rolls * 20 6 in. paper plates * 2 bags lima beans or any other bean * 3 rolls of masking tape |

