



MATERIALS

- * Cardboard
- * Shovels
- * Hoes
- * Wheelbarrows
- * Sand
- * (2) Bags of Pea Gravel
- * Pre Built Earth Science Frame

DIRECTIONS

1. Remove grass and weeds from inside frame, including smaller bins
2. Level existing soil
3. Place a layer of cardboard on the ground
4. Wheelbarrow sand into earth science station area
NOTE: Do not place sand in (4) bins at the end (see separate sheet)
5. Mix pea gravel into the sand
6. Overfill if necessary to use all the remaining sand
7. Assemble stream table per instruction sheet
8. Install flagstone per instruction sheet

ROCK BINS AT EARTH SCIENCE STATION

SAND →

ROCKS →



DIRECTIONS:

Fill one bin with large river rocks (loose material)

One with medium rocks (located in white bag, being used at the water feature)

Another with bagged small river rocks

And the final bin with bagged lava rock

FLAGSTONE PAVING SET ON DECOMPOSED GRANITE



MATERIALS

- * Decomposed Granite
- * Flagstone
- * Level
- * Tamper
- * Small Sledge Hammer
- * Safety Goggles

DIRECTIONS

1. Dig out native soil so that 2" of decomposed granite plus height of flagstone will be flush with top of edging / existing paving. Dirt that has been removed can be placed on the outside adjacent to edging. Tamp dirt in place and slope to finished grade.
2. Level out native soil and tamp down for a firm base.
3. Spread 1" of decomposed granite on top of native soil, tamp down.
4. Spread another 1" layer of decomposed granite and tamp down.
5. Check thickness of stone and add more decomposed granite if necessary, tamp down.
Note: Top of flagstone should be flush with existing sidewalks.
6. Place stones and wiggle into decomposed granite so they are embedded. Try to maintain uniform joint spacing of about 1".
7. Larger flagstone pieces are easily broken by tapping with a small sledgehammer.
Note: The larger the piece of flagstone the more stable the paving area. Do not break if not necessary.
8. Back fill joints with decomposed granite.

GRADING ADJACENT TO FLAGSTONE



Place soil that was removed to make flagstone paving on the other side of the edging. Level and tamp down till grade is smooth with existing ground and new flagstone area.

EARTH SCIENCE STATION STREAM TABLE



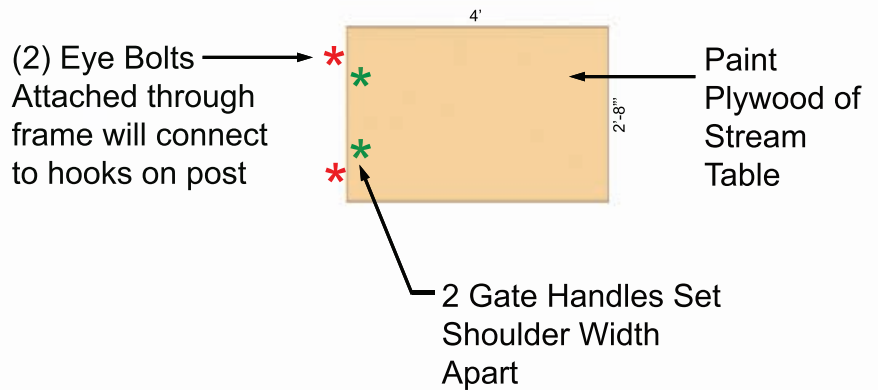
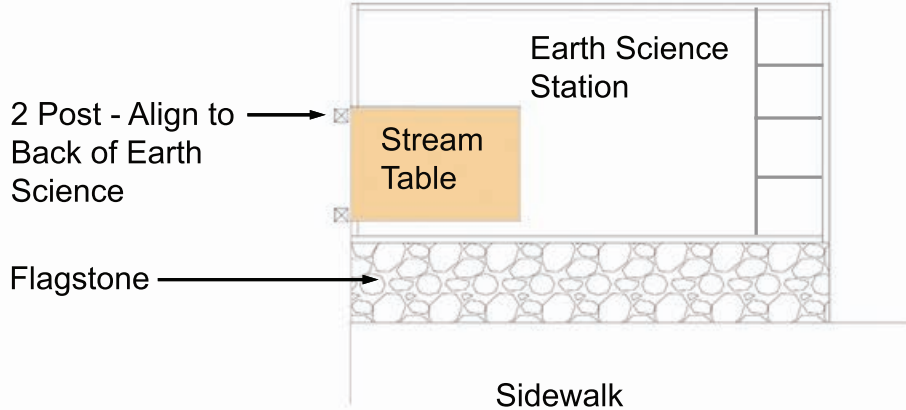
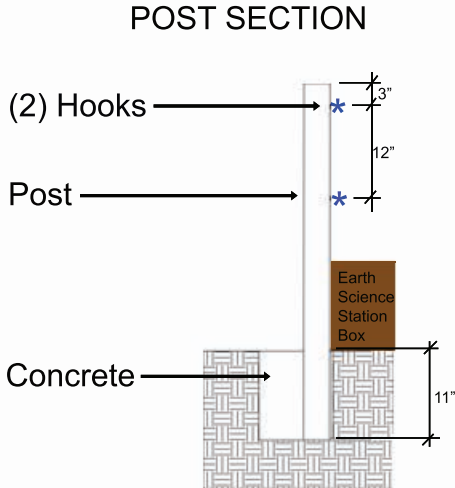
OVERALL CONCEPT



HARDWARE

EARTH SCIENCE STATION STREAM TABLE

PLAN VIEWS



MATERIALS

- * 2'-8"X4 Precut Stream Table
- * (2) Precut Post
- * (2) Eye bolts * and (4) Hooks *
- * (2) Gate Handle *
- * (2) Bags of Concrete
- * Shovel and Wheelbarrow
- * Level
- * Paint

DIRECTIONS (See Lannie)

1. Dig (2) holes 11" deep, adjacent to earth science box, and about 1'-7" apart inside edge.
2. Attach (2) hooks per post at vertical distance shown in post section drawing.
Note: Hooks will face hook up and toward earth science box.
3. Place post in hole, level post and pour concrete around the post.
4. Attach (2) eye bolts through frame that will connect to hooks on the post.
5. Paint top of plywood tan.
6. Attach gate handles to plywood as noted above.