## Purpose & Description

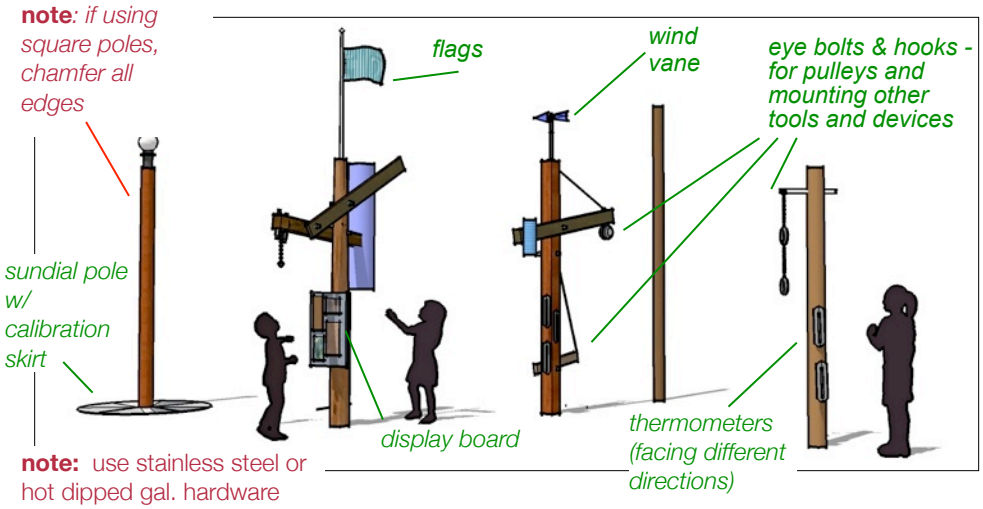
- armature, **a large scale built architectural element**, gives identity and sense of place
- useful **for class management as a place to gather or focus attention** on a bulletin board, teaching tools, white board, etc.
- locate armature for **large group access** from all sides
- armature **provides mounting surface for teaching tools** - eye hooks, pulleys, flags, levers, etc. (see teaching tools list)
- **individual tall poles,** dispersed through the outdoor classroom, hold thermometers, signs, etc. - these single poles are useful to mark locations for small group work, and for class management
- **shorter single posts** provide support for sundial, outdoor writing surfaces, art projects, etc. (24" - 36" high)

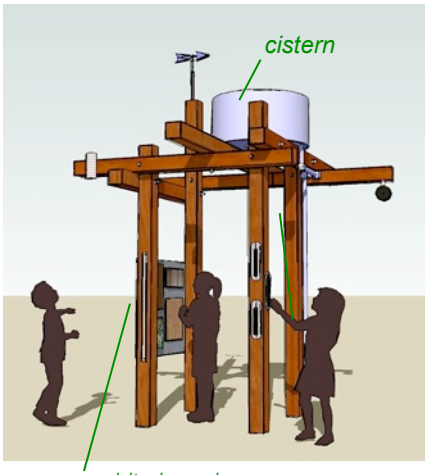
## Design Requirements Checklist

- ☐ provide overhead mounting eye hooks for (2) pulleys at 7'-0" above grade
- ☐ Provide mounting location for wind vane (minimum of 9' -0" above grade)
- ☐ provide mounting for display boards - two posts to support white board, maps or displays (board size +/- 24"h x 36"w)
- ☐ provide mounting pole for sun dial (30" above grade)
- ☐ provide mounting points for (4) thermometers (24" to 48" above grade)
- ☐ provide place for display of material samples (metals, etc.) on 6" wide, 8' high post

## Illustrations

*[ **note:** these illustrations represent general concepts and ideas, not for exact reproduction ]*





wind vane mounted on 9' x 6"x6" pole w/ top cap


outdoor writing stand 12" x 18" on 28" post


drip irrigation valve from cistern


removable rain gauge mounted on beam from tall pole


sample display: metals, plastics, recycled on 8' high 6x6 pole


sundial on 6" x 6" post 30" high


thermometer(s) mounted on tall armature pole