

## Exhibit: Water Adventure



In this exhibit, children will want to engage in purposeful play to explore sand's and water's physical properties. Children can build, dig, pour, sift, scoop and explore at the sand table. They can also build fountains and use waterwheels at the water table.

**The following standards can be applied to this exhibit, as it is currently displayed:**

### **Illinois Early Learning Standards**

- Engage in cooperative play. (IELDS 31.B.ECb)
- Sort, order, compare and describe objects according to characteristics or attribute(s). (IELDS 8.A.ECa)
- Observe and describe characteristics of earth, water, and air. (IELDS 12.E.ECa)
- Express wonder and curiosity about their world by asking questions, solving problems, and designing things. (IELDS 11.A.ECa)

- Use nonstandard units to measure attributes such as length and capacity. (IELDS 7.A.ECb)
- Use vocabulary that describes and compares length, height, weight, capacity, and size. (IELDS 7.A.ECc)
- Practice estimating in everyday play and everyday measurement problems. (IELDS 7.A.ECa)
- With teacher assistance, explore use of measuring tools that use standard units to measure objects and quantities that are meaningful to the child. (IELDS 7.C.ECa)

### **Common Core Mathematics Standards**

- Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object. (K.MD.1)

### **Next Generation Science Standards**

- Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. (K.ESS 3-3).
- Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. (2.PS1-1)
- Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. (2.PS1-2)