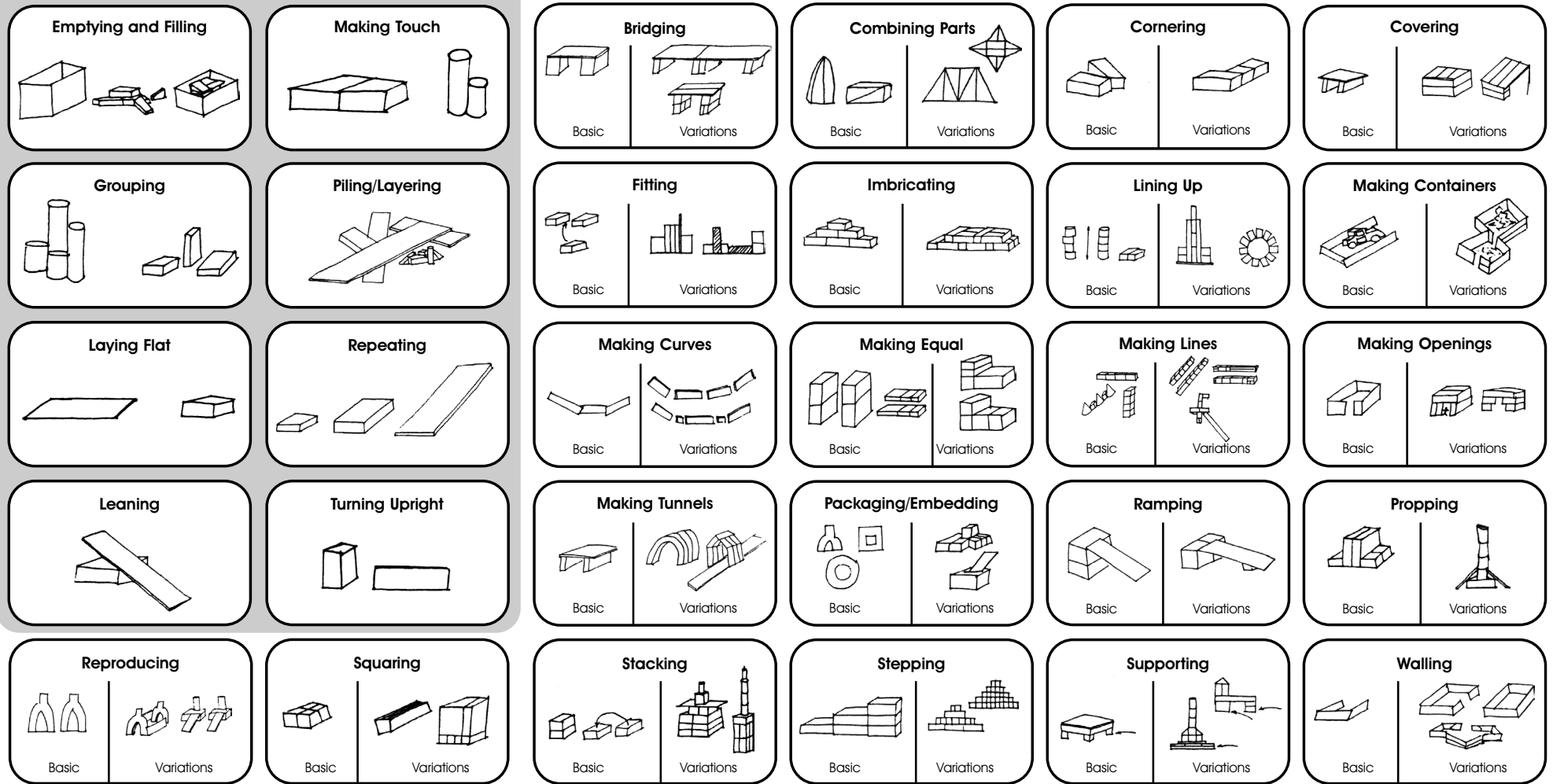


Basic Skills

Visual Typology: Construction Skills



Drawn by architect Kathlyn Hatch based on direct observation of children's work.

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Visual Typology: Construction Skills

This Visual Typology of Construction Skills was developed after years of direct observation and documentation of children aged 2–8 as they worked with blocks and other three-dimensional construction materials.

The observations were analyzed by a broad representation of experts (early childhood educators and special educators; neuropsychologists; kinesthetic specialists; architects; research specialists; mathematicians; and science education specialists) using qualitative and quantitative research methodologies.

Architect Kathlyn Hatch sketched each drawing to represent children's work observed over time.

How to use this chart:

- The drawings of basic skills represent those construction skills children must master first in order to move to any of the other skills in the typology.
- Adults can use the typology to help them notice children's mastery of skills, as well as to scaffold children's attempts to master new skills.
- The typology may also be posted in classrooms or homes (indoors or outdoors) to encourage children to try new ways of working with blocks and other three-dimensional materials.



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