



123

## Fractions are Everywhere!

Naming and Playing with Fractions

**Beginner:** Cut play-dough shapes into halves, quarters, and thirds, naming them as you go.

**[Tip]:** Try circles, squares, and hearts.

**Intermediate:** Cut a play-dough shape into halves, then quarters, then eighths, and continue until you can no longer do it.

**[Tip]:** Ask how many pieces there are after each cut.

**Experienced:** Use play-dough to visualize which fractions make other fractions.

**[Tip]:** Ask “How many quarters make a half?” or “How many sixths make a third?”

**Why is this important?** Using and manipulating physical objects to represent math ideas helps children develop important math skills.

### References:

Drews, D. (2007). Do resources matter in primary mathematics teaching and learning? In 1106092347 836720167 D. Drews & 1106092348 836720167 A. Hansen (Authors), *Using resources to support mathematical thinking: Primary and early years* (pp. 19-31). Exeter: Learning Matters. Retrieved 2020, from <http://www.xtec.cat/centres/a8005072/articles/resources.pdf>

VandeWalle, J. A. (2011). *Elementary and Middle School Mathematics: Teaching Developmentally*. Pearson Canada. (p. 294)