

MOBILES

KEY PRINCIPLES

1. Acquires knowledge/skills
 - 1.1 learns concepts and vocabulary
 - 1.2 organizes arts elements
 - 1.3 uses art techniques
 - 1.4 exhibits craftsmanship
 - 1.5 creates, presents and evaluates
2. Solves problems
 - 2.1 uses the senses to gather information
 - 2.2 solves problems
 - 2.3 critiques artwork
3. Communicates
 - 3.1 expresses individual ideas

KEY CONCEPTS

- 1) To help children Gain experience in working and thinking in three dimensional forms.
- 2) To develop coordination and dexterity of the hands.
- 3) To gain experience at creative problem solving.

ESSENTIAL QUESTION

Can students balance several shapes so they free float in space?

RESOURCES

- 1) Doweling or heavy gauge wire like coat hanger wire in straight lengths
- 2) Fish line
- 3) Glue (Elmer's or contact cement)
- 4) Heavy paper or cardboard or a collection of material to hang

INSTRUCTIONAL ACTIVITIES

- 1) Well in advance of assembling: have students collect material for their own mobile. Show examples of mobiles to help with ideas. Or have students create out of heavy paper or cardboard the objects or shapes they wish to hang in the mobile.
- 2) On the date of assembly of the mobile have the materials collected together including dowels cut to length or wire cut to length.
- 3) Help students arrange the objects so they hang from the dowels in a pleasing design.
- 4) Attach by tying with square knots fish line to each object and glue where it attaches. Let it dry before attaching the other end to the wire or dowel.
- 5) Several dowels/wires can be used at varying lengths to create a more complex mobile. If this is the desire then work from the bottom up at balancing each level before adding glue to each fish line knot that attaches to the dowels of the next level.
- 6) Attach a hanging fish line with a loop for hanging the finished mobile.
- 7) Let all glue dry before hanging.

ASSESSMENTS

1. Craftsmanship: neatness and completeness
2. Use of drawing skills or design concepts we are studying
3. Use of tools and media we are studying