



Balance and Motion

TEKS:

1.2 Develop abilities necessary to do scientific inquiry in the field and the classroom. The student is expected to:

- d. **construct** reasonable explanations and draw conclusions;
- e. **communicate** explanations about investigations.

1.5 Organisms, objects, and events have properties and patterns. The student is expected to:

- a. **sort** objects and events based on properties and patterns
- b. **identify, predict, and create** patterns including those seen in charts, graphs, and numbers.

1.6 Systems have parts and are composed of organisms and objects. The student is expected to:

- a. **sort** organisms and objects according to their parts and characteristics;
- c. **manipulate** objects such as toys, vehicles, or construction sets so that the parts are separated from the whole which may result in the part of the whole not working
- d. **identify** parts that when put together, can do things they cannot do by themselves, such as a working camera with film, a car moving with a motor, and an airplane flying with fuel.

1.7 Many types of change occur. The student is expected to:

- a. **observe, measure and record** changes in size, mass, color, position, quantity, sound, and movement.

Teaching Time Line

Day	Lesson Title	Thinking Map	Sessions time	Instructional Method
1	Inventory, report any missing materials		45 min. prep. time	Teacher
2	1, part 1: Trick Crayfish	Circle	30 min.	Whole group
3	1, part 2: Triangle and Arch		40 min.	Whole group
4	1, part 3: The Pencil Trick		30 min	Whole group
5	1, part 4: Mobiles	Bubble	40 min	Whole group/ center with supervision
6 & 7	2, part 1: Tops	Circle	30 min.	Whole group
8 & 9	2, part 2: Zoomers	Bubble	30 min.	Whole group / centers with supervision
10	2, part 3: Twirlers	Bubble	30 min.	Whole group / centers with supervision
11	3, part 1: Rolling Wheels	Brace	30 min.	Whole group
12 & 13	3, part 2: Rolling Cups	Double Bubble	30 min.	Whole group
14 & 15	3, part 3: Rolling Spheres	Flow	30 min.	Whole group
16-20	Review, ASSESS , Reteach as Needed			