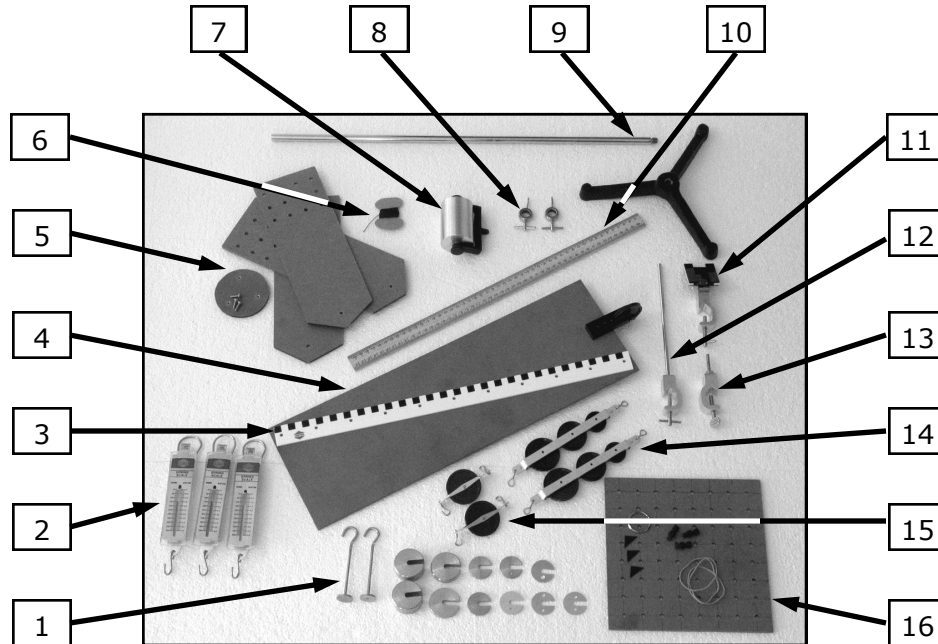


## DESCRIPTION AND OPERATING INSTRUCTIONS



*FSM-01 Forces and Simple Machines Kit*

### **PARTS LIST**

Refer to the keyed illustration above

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Slotted weight set: 2 hangers (20g each), 2 x 200g, 100g, 50g, 2 x 20g, 10g, 5g, 2 x 2g, 1g</li> <li>2. Spring scales— 3 each, 0—5N</li> <li>3. Lever with cm block scale; 52cm long with 11 pivot holes</li> <li>4. Inclined plane with pulley; 51cm long x 17cm wide</li> <li>5. Force board (shown un-assembled); 3 panels, each 29cm x 10cm with 12 holes, round connector, 3 screws</li> <li>6. Pulley cord, 10m</li> <li>7. Inclined plane roller, 378g</li> <li>8. Hook collars, 1/2", 2 each</li> </ol> | <ol style="list-style-type: none"> <li>9. Support rod (24" x 1/2") and tripod base (5" legs)</li> <li>10. Half-meter stick</li> <li>11. Hinged lever support with clamp</li> <li>12. Support rod with clamp; rod 19.5cm long x 6mm diameter</li> <li>13. Pivot rod for lever, with clamp; pivot rod 2.9cm long x 4.5mm diameter</li> <li>14. Triple tandem pulleys, 2 each</li> <li>15. Single pulleys, 2 each</li> <li>16. Vector board; 21.5cm square board with 8 x 8 array of holes on a 2.5cm grid, split ring, 3 pegs, 3 rubber bands, 3 arrow markers</li> </ol> |
|---|---|