

| Items Included in this Kit | Items You Provide |
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| MODULE 1 Safety Goggles Pencil Stopwatch Ping Pong Ball Masking Tape | MODULE 1 Wooden Board, 1 meter long Pile of Books Uncarpeted Floor |
| MODULE 2 Ruler | MODULE 2 Large, heavy book (21 x 27cm) 5 small (10x10cm) pieces of paper Someone to help |
| MODULE 3 Modeling Clay Pencil Ruler Pen Protractor | MODULE 3 Plain sheet of paper Map in book and on the course website |
| MODULE 4 Rubber Band Stopwatch Ping Pong Ball | MODULE 4 Person to help you Meter stick Flat table with lots of space |
| MODULE 5 Beanbag Plastic Tub Lid for Plastic Tub Rubber Band Aluminum Foil Ruler Sand | MODULE 5 Someone to help Sidewalk, driveway, or flat yard 3 rocks Board 1 meter long and wider than plastic tub Scissors Liquid Soap Washcloth |
| MODULE 6 Metal Nut Bolt Small Block of Wood | MODULE 6 Building with an elevator Bathroom Scale Board with a hole 1 long wrench or 3 various-sized wrenches Pliers to hold head of bolt Board at least 0.5m long Meter stick |
| MODULE 7 Hollow Plastic Tube Thread Ruler 4 Large Washers Small Washer Stopwatch | MODULE 7 Marker |
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| <p>MODULE 8</p> <p>Ruler</p> <p>Tape</p> <p>Metal Nut</p> <p>Cardboard Tube</p> <p>Marble</p> | <p>MODULE 8</p> <p>Piece of String</p> <p>Desk or Table</p> <p>Some Books</p> <p>Scissors</p> <p>Someone to help</p> |
| <p>MODULE 9</p> <p>4 Ping Pong Balls</p> <p>Thread</p> <p>Tape</p> <p>Ruler</p> | <p>MODULE 9</p> <p>2 Helpers wearing old clothes or aprons</p> <p>Old clothes or apron for yourself</p> <p>2 Eggs</p> <p>Reasonably large board or hard, flat surface</p> <p>Fitted Bed Sheet</p> <p>Several Books</p> |
| <p>MODULE 10</p> <p>Spring with Loops</p> <p>2 Paper Clips</p> <p>Sand in Ziploc Bag</p> <p>Mass Scale</p> <p>2 Rulers</p> <p>Stopwatch</p> | <p>MODULE 10</p> <p>A few heavy books</p> |
| <p>MODULE 11</p> <p>Copper Pipe - 16in.</p> | <p>MODULE 11</p> <p>Freezer</p> <p>Hot Tap Water</p> <p>Large Bowl</p> <p>Warm Gloves</p> <p>Car with a horn</p> <p>Parent to drive car</p> <p>Street or country road</p> <p>Bicycle</p> |
| <p>MODULE 12</p> <p>Flat mirror</p> <p>Pen</p> <p>Protractor</p> <p>Flashlight with Batteries</p> <p>Ruler</p> <p>Black Construction Paper</p> <p>Tape</p> <p>Magnifying Mirror</p> | <p>MODULE 12</p> <p>White Paper</p> <p>Dark Room</p> <p>Clear plastic or glass pen</p> |
| <p>MODULE 13</p> <p>2 Balloons</p> <p>Thread</p> <p>Lid from Plastic Tub</p> <p>Paper Clip</p> <p>Aluminum Foil</p> | <p>MODULE 13</p> <p>Cellophane Tape</p> <p>A Glass</p> <p>Pair of Pliers</p> |
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| <p>MODULE 14</p> <p>2 Styrofoam Plates</p> <p>Aluminum Foil</p> <p>Paper Clip</p> <p>Balloon</p> | <p>MODULE 14</p> <p>Scissors</p> |
| <p>MODULE 15</p> <p>AA Battery (1.5V)</p> <p>Aluminum Foil</p> <p>Insulated Copper Wire</p> <p>Tape</p> <p>Flashlight</p> | <p>MODULE 15</p> <p>Scissors</p> <p>Tabletop</p> <p>5 Spoons</p> |
| <p>MODULE 16</p> <p>Compass</p> <p>Insulated Copper Wire</p> <p>Paper Clip</p> <p>Toothpick</p> <p>AA Battery (1.5V)</p> <p>Tape</p> <p>Large Iron Nail</p> <p>Small Nail</p> | <p>MODULE 16</p> <p>(none)</p> |