



## **KIT: FORCES & MOTION**



### KIT #

**TUB: 1** 

Please contact the materials manager with any questions or problems you might have concerning this module or for any missing or damaged items within this module. Be sure to note the assembler's initials when reporting issues. You will be held responsible for returning the materials below that have not been consumed during the activities.

Remarks: \_

|            | Phone: (25      | 1) 665-4684 Fax: (251) 66                    | 4 Fax: (251) 665-4829 |          | E-mail: sandress@southalabama.edu |                     |                     |                      |  |
|------------|-----------------|--|-----------------------|----------|-----------------------------------|---------------------|---------------------|----------------------|--|
| PRODUCT ID | BIN<br>LOCATION | MATERIAL                                     | SIZE                  | QUANTITY | ASSEMBLER                         | TEACHER<br>RECEIVED | TEACHER<br>RETURNED | RETURN<br>INSPECTION |  |
| 1 0 1 2 5  |                 | Bolt - Flat (with nuts)                      | 3/16''                | 4        |                                   |                     |                     |                      |  |
| 1 1 6 1 8  |                 | Book: Student Guide - ''Forces &<br>Motion'' |                       | 16       |                                   |                     |                     |                      |  |
| 1 0 5 8 7  |                 | Magnet - Bar - Flexible (with hole)          | <sup>3</sup> ⁄4" x 1" | 32       |                                   |                     |                     |                      |  |
| 1 1 6 2 0  |                 | Magnet - Bar - Steel - Plain                 |                       | 4        |                                   |                     |                     |                      |  |
| 1 0 6 5 4  |                 | Mousetrap                                    |                       | 10       |                                   |                     |                     |                      |  |
| 1 0 7 0 5  |                 | Pegboard Lever                               |                       | 4        |                                   |                     |                     |                      |  |
| 1 0 8 3 9  |                 | Ruler - Plastic                              | 12''                  | 8        |                                   |                     |                     |                      |  |
| 1 0 9 4 2  |                 | Scale - Spring - 10 N                        | 0-10<br>newtons       | 8        |                                   |                     |                     |                      |  |
| 10943      |                 | Scale - Spring - 2.5 N                       | 0-2.5<br>newtons      | 8        |                                   |                     |                     |                      |  |
| 1 1 0 4 9  |                 | Thermometer - Digital (with battery)         |                       | 1        |                                   |                     |                     |                      |  |
| 1 1 1 3 3  |                 | Washer - Steel                               | 7⁄8"                  | 50       |                                   |                     |                     |                      |  |
|            |                 |  |                       | 25       |                                   |                     |                     |                      |  |

25

Craft Stick - Jumbo

| 2 0 3 2 1 | Dot - Adhesive - Blue                          | 3⁄4''               | 40  |  |  |
|-----------|--|---------------------|-----|--|--|
| 2 0 3 2 9 | Dot - Adhesive - Red                           | 3⁄4''               | 40  |  |  |
| 20351     | Electrical Tie (for mousetrap<br>activity)     | 11"                 | 100 |  |  |
| 2 0 5 6 4 | Line - Nylon - Braided - Black - 12<br>lb Test | 60 yds              | 1   |  |  |
| 20692     | Paper Clips - Jumbo                            | pack of 100         | 2   |  |  |
| 20963     | Pin - Straight - Round                         | 11/2"               | 8   |  |  |
| 20834     | Rubber Band                                    | #32                 | 50  |  |  |
| 2 0 8 5 3 | Sand Paper - Coarse (60 grit)                  | 9" x 11"            | 8   |  |  |
| 2 0 8 5 4 | Sand Paper - Fine (150 grit)                   | 9" x 11"            | 10  |  |  |
| 2 0 9 7 0 | Straw - Jumbo - Wrapped                        | 7½''                | 10  |  |  |
| 2 0 9 7 5 | String - Super Twine                           | 200'                | 1   |  |  |
| 2 1 0 2 3 | Tape - Adding Machine - White                  | 1¾'' x 100'<br>roll | 1   |  |  |
| 2 1 0 2 6 | Tape - Masking                                 | 3⁄4''               | 2   |  |  |
| 2 1 1 4 6 | Wax Paper                                      | 75'                 | 1   |  |  |



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### KIT #

**TUB: 2** 

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|            | -               |  |      | <u>.</u> | -         | -                   | -                   | _                           |
|------------|-----------------|--|------|----------|-----------|---------------------|---------------------|-----------------------------|
| PRODUCT ID | BIN<br>LOCATION | MATERIAL                                     | SIZE | QUANTITY | ASSEMBLER | TEACHER<br>RECEIVED | TEACHER<br>RETURNED | <b>RETURN</b><br>INSPECTION |
| 1 1 1 2 9  |                 | Washer - Flat                                | #10  | 200      |           |                     |                     |                             |
|            |                 | Balance - Digital                            |      | 2        |           |                     |                     |                             |
|            |                 | Ball - Steel                                 | 1"   | 2        |           |                     |                     |                             |
|            |                 | Book: Student Guide - ''Forces &<br>Motion'' |      | 16       |           |                     |                     |                             |
|            |                 | Clamp Holder - V-Jaw - Small                 |      | 2        |           |                     |                     |                             |
| 1 0 2 1 7  |                 | Compass - Magnetic                           |      | 8        |           |                     |                     |                             |
| 1 1 1 5 6  |                 | Cutter - Wire                                |      | 1        |           |                     |                     |                             |
| 1 0 3 8 2  |                 | Fan - Battery Powered                        |      | 20       |           |                     |                     |                             |
| 1 1 6 8 5  |                 | Power Source - Digital Balance               |      | 2        |           |                     |                     |                             |
| 1 1 6 2 1  |                 | Stand Base (with pole)                       |      | 2        |           |                     |                     |                             |
| 1 1 0 5 7  |                 | Timer - Student                              |      | 16       |           |                     |                     |                             |
| 2 0 0 8 4  |                 | Battery                                      | AA   | 40       |           |                     |                     |                             |

| 2 0 2 8 1 | Cup - Plastic                 | 10 oz               | 30 |  |  |
|-----------|-------------------------------|---------------------|----|--|--|
| 2 1 1 5 2 | Wire - Hook-Up - Coated - #22 | 100' (full<br>roll) | 1  |  |  |



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### KIT #

**TUB: 3** 

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|------------|-----------------|--|-----------------------------------|----------|-----------|---------------------|---------------------|----------------------|
| PRODUCT ID | BIN<br>LOCATION | MATERIAL                                   | SIZE                              | QUANTITY | ASSEMBLER | TEACHER<br>RECEIVED | TEACHER<br>RETURNED | RETURN<br>INSPECTION |
|            |                 | Block - Wood (with screw hook)             | 1½" x 3½"<br>x 6"                 | 16       |           |                     |                     |                      |
| 1 0 4 9 7  |                 | K'Nex - Connector - Blue - C7              |                                   | 150      |           |                     |                     |                      |
| 1 0 4 9 8  |                 | K'Nex - Connector - Gold - C8              |                                   | 500      |           |                     |                     |                      |
| 10499      |                 | K'Nex - Connector - Gray or Purple<br>- C1 |                                   | 360      |           |                     |                     |                      |
| 1 0 5 0 2  |                 | K'Nex - Connector - Gray or Purple<br>- C6 |                                   | 150      |           |                     |                     |                      |
| 1 0 5 0 0  |                 | K'Nex - Connector - Green - C5             |                                   | 60       |           |                     |                     |                      |
| 1 0 5 0 3  |                 | K'Nex - Connector - Red - C4               |                                   | 630      |           |                     |                     |                      |
| 1 0 5 0 4  |                 | K'Nex - Connector - Tan - C2               |                                   | 90       |           |                     |                     |                      |
| 1 0 5 0 5  |                 | K'Nex - Connector - White - C9             |                                   | 110      |           |                     |                     |                      |
| 1 0 5 0 6  |                 | K'Nex - Connector - Yellow - C10           |                                   | 90       |           |                     |                     |                      |
| 1 0 5 0 7  |                 | K'Nex - Rod - Blue - R3                    |                                   | 230      |           |                     |                     |                      |
| 1 0 5 0 8  |                 | K'Nex - Rod - Gold - R5                    |                                   | 350      |           |                     |                     |                      |

|           |  |                     |     |  | <br> |
|-----------|--|---------------------|-----|--|------|
| 1 0 5 0 9 | K'Nex - Rod - Gray - R7                          |                     | 200 |  |      |
| 1 0 5 1 0 | K'Nex - Rod - Green - R1                         |                     | 250 |  |      |
| 1 0 5 1 1 | K'Nex - Rod - Red - R6                           |                     | 210 |  |      |
| 1 0 5 1 2 | K'Nex - Rod - White - R2                         |                     | 360 |  |      |
| 1 0 5 1 3 | K'Nex - Rod - Yellow - R4                        |                     | 225 |  |      |
| 1 0 4 9 2 | K'Nex - Tire - Black - T1                        | small               | 135 |  |      |
| 1 1 5 8 6 | K'Nex - Tire - Black - T3                        | jumbo               | 100 |  |      |
|           | K'Nex - Track - Orange                           | ~11'-5'' (3.5<br>m) | 5   |  |      |
| 1 0 4 9 6 | K'Nex - Wheel - Gray - W1                        | small               | 135 |  |      |
| 10495     | K'Nex - Wheel - Gray - W2                        | large               | 100 |  |      |
| 2 1 4 7 4 | Bag-O-Stuff 2: Aluminum Foil<br>Piece            | 1" x 1"             | 8   |  |      |
| 2 1 4 7 7 | Bag-O-Stuff 2: Cassette Tape<br>(recording tape) | 1'' piece           | 8   |  |      |
| 2 1 4 9 1 | Bag-O-Stuff 2: Fastener - Brass                  |                     | 8   |  |      |
| 2 1 4 9 2 | Bag-O-Stuff 2: Golf Tee                          |                     | 8   |  |      |
| 2 1 4 9 6 | Bag-O-Stuff 2: Nail - Wire                       |                     | 8   |  |      |
| 2 1 4 9 3 | Bag-O-Stuff 2: Paper Clip                        |                     | 8   |  |      |
| 2 1 4 9 4 | Bag-O-Stuff 2: Pipe Cleaner                      |                     | 8   |  |      |

| 2 1 4 7 8 | Bag-O-Stuff 2: Rubber Band -<br>Small  | #14 | 8 |  |  |
|-----------|--|-----|---|--|--|
| 2 1 4 7 5 | Bag-O-Stuff 2: Screen - Aluminum       |     | 8 |  |  |
| 2 1 4 9 7 | Bag-O-Stuff 2: Twist Tie - Plastic     | 5'' | 8 |  |  |
| 2 1 4 7 6 | Bag-O-Stuff 2: Washer - Brass          |     | 8 |  |  |
| 1 1 6 5 9 | Bag-O-Stuff 2: Washer - Flat           | #10 | 8 |  |  |
| 2 1 4 9 0 | Bag-O-Stuff 2: Wire - Aluminum         |     | 8 |  |  |
| 2 1 4 9 5 | Bag-O-Stuff 2: Wire - Copper -<br>Bare |     | 8 |  |  |