



### Young Inventors Worksheet

## THINKING OF IDEAS FOR INVENTIONS! COMBINE THINGS TO MAKE SOMETHING NEW!

Prepared by Susan Casey, author of *Kids Inventing! A Handbook for Young Inventors* and *Women Invent! Two Centuries of Discoveries That Have Shaped Our World*

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YOUR NAME: \_\_\_\_\_

### COMBINE THINGS TO MAKE SOMETHING NEW!

#### CHANGE A SHAPE—BEND A BROOM! ADD A LIGHT OR A SOUND!

- |               |                      |                          |
|---------------|----------------------|--------------------------|
| Flashlight    | Bicycle              | Gloves                   |
| Light         | Umbrella             | Soccer ball              |
| Tape recorder | Balloon              | Baseball                 |
| TV            | Bubble Wrap®         | Baseball glove           |
| Computer      | Cardboard            | Baseball bat             |
| Battery       | Plastic pipe         | Tennis racket            |
| Wheels        | Ladder               | Ping pong table          |
| Solar cells   | Duct tape            | Skates                   |
| Cardboard     | Paper clips          | Skateboard or Snowboard  |
| Broom         | Gum                  | Flower holder            |
| Jars          | Clay                 | Plastic pizza box stands |
| Toothbrush    | Silly or other putty | Mailbox                  |
| Fork          | Rubber bands         | Guitar                   |
| Spoon         | Velcro               | Violin                   |
| Hairbrush     | Magnets              | Horn                     |
| Spray bottle  | Crayons              | Whistle                  |
| Mirror        | Rope                 | Music Stand              |
| Vacuum        | String               | Pencil                   |
| Chair         | Suitcase             | Pen                      |
| Shopping cart | Backpack             |                          |

- What else can you add to the list? For example, tools you use often--knives, spoons, remote controls, brooms.....
- 1. • 3.
- •
- 2. • 4.
- •
  
- Pick TWO or THREE things on the list. How could you COMBINE THEM to make something new? For example, a pencil with a light.
  
- CIRCLE 5 THINGS on the list. DRAW LINES FROM THEM to OTHER THINGS. What COULD THE COMBINATIONS BE? DRAW AND LABEL YOUR IDEAS BELOW and on the back.