## Tin Can Do It! Mission Objectives

<table>
<thead>
<tr>
<th>Objective</th>
<th>Description</th>
<th>Materials</th>
<th>Points</th>
</tr>
</thead>
</table>
| Tin Can Do It: Scrapping on the Homefront | Deliver scrap metal to the Save Scrap for Victory poster. | Miniature Metal Slinky | • Slinky touching poster, but not white box – 5 points  
• Slinky touching white box – 10 points  
• Slinky completely in white box – 25 points |
| Victory Gardening | Collect vegetables from the victory garden into the basket. | Wooden basket, 4 Toy Vegetables | • 1 Vegetable in basket – 10 points  
• 2 Vegetables in basket – 20 points  
• 3 Vegetables in basket – 30 points  
• 4 Vegetables in basket – 40 points  
• Vegetables in Head Quarters, not in basket – 5 points |
| Manufacturing for Victory | Move boats from the Higgins Industries factory to the river. | 3 Toy Boats | • 1 Boat completely in river – 10 points  
• 2 Boats completely in river – 20 points  
• 3 Boats completely in river – 30 points |
| Invent New Materials | Move synthetic rubber to the laboratory. | Silly Putty in Red Container | • Silly putty partially inside of the white box in the laboratory – 10 points  
• Silly putty completely inside of the white box in the laboratory – 25 points |
| Go to the Movies | Move the curtain to reveal the movie theater screen. | Piece of Red Velvet Fabric | • First section of the theater screen is completely visible – 10 points  
• First two sections of the theater screen are completely visible – 15 points  
• First three sections of the theater screen are completely visible – 20 points  
• First four sections of the theater screen are completely visible – 25 points  
• All five sections of the theater screen are completely visible – 35 points |

**Note:** The basket must remain upright for points to be awarded for this mission. It can be moved to different locations throughout the match, but it cannot be upside down or on its side at the end of the match.

**Note:** The curtain cannot be removed from the mat. If the curtain is no longer attached to the mat at the end of the match, no points will be awarded for this mission.
<table>
<thead>
<tr>
<th>Activity</th>
<th>Instructions</th>
<th>Item Description</th>
<th>Scoring Details</th>
</tr>
</thead>
</table>
| Women Go To Work               | Bring Rosie the Riveter to the factory                                       | Rosie the Riveter Figurine                    | - Rosie is touching the white box inside the factory – 10 points  
|                                |                                                                              |                                               | - Rosie is upright and partially inside of the white box in the factory – 20 points  
|                                |                                                                              |                                               | - Rosie is upright and completely inside of the white box in the factory – 30 points  |
| Rationing                      | Bring ration booklet to the store and exchange it to buy food.                | Miniature sticky notes & bag of M&Ms         | - Ration booklet is inside the white box at the store, but the M&Ms are not at Head Quarters – 15 points  
|                                |                                                                              |                                               | - Ration booklet is at the store and M&Ms have been returned to Head Quarters – 30 points  |
| War Bonds                      | Add a stamp to the War Savings Bonds booklet.                                | Miniature sticky notes                       | - Stamp is touching the white box inside the War Bonds booklet – 10 points  
|                                |                                                                              |                                               | - Stamp is completely inside the white box in the War Bonds booklet – 25 points  |
| The Harvard Mark I and Binary  | Retrieve and decode the coded message.                                      | Plastic canister with Binary Code Activity   | - Canister is returned to Head Quarters – 15 points  
| Code                           |                                                                              | paper slip.                                  | - Your team successfully decodes the hidden message on the paper slip – 30 points  |
| Transport Aircraft to the      | Bring the airplane from the factory to the Runway.                          | Toy Airplane                                 | - The airplane is touching the white box on the runway – 15 points  
| Military Base                  |                                                                              |                                               | - The airplane is completely inside of the white box on the runway – 25 points  |
| Touch Penalties                | Avoid interrupting your robot during the game.                              |                                               | 10 points for not interrupting the robot during the game.  |