

Tin Can Do It! Mission Objectives

Objective	Description	Materials	Points
Tin Can Do It: Scrapping on the Homefront	Deliver scrap metal to the Save Scrap for Victory poster.	Miniature Metal Slinky	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 <p>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.</p>
Manufacturing for Victory	Move boats from the Higgins Industries factory to the river.	3 Toy Boats	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 <p>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.</p>

Women Go To Work	Bring Rosie the Riveter to the factory	Rosie the Riveter Figurine	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 Code	Retrieve and decode the coded message.	Plastic canister with Binary Code Activity paper slip.	<ul style="list-style-type: none"> • Canister is returned to Head Quarters – 15 points • Your team successfully decodes the hidden message on the paper slip – 30 points
Transport Aircraft to the Military Base	Bring the airplane from the factory to the Runway.	Toy Airplane	<ul style="list-style-type: none"> • The airplane is touching the white box on the runway – 15 points • 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.