STEM by Design Teaching with LEGO Mindstorms EV3 By Barbara Bratzel Foreword by Chris Rogers



Stem by Design: Teaching with Lego Mindstorms Ev3

By Barbara Bratzel

College House Enterprises, LLC. Paperback. Condition: New. 288 pages. Dimensions: 10.8in. x 8.3in. x 0.6in.Part One: Getting Started About this Book Materials Classroom Management Project Rules Part Two: Introductory Activities Making Connections Build a Box Fancy Box Pandoras Box Sneak Attack Bakers Dozen Car Part Three: Programming Sequences Seeing Red See and Say Red, Red, Red Red or Not Rainbow Detector Drivers License Lurch Snake Cockroach Unsynchronized Motors Fan Club Push-button Fan Daytime Fan Gradual Fan Five-speed Fan Traffic Traffic Light Walk Signal Animated Walker Intersection Number Sense Roll of the Die Even or Odd Countdown Dog Year Converter Cautious Car Touch Tally Brick-button Navigator Mail Delivery Part Four: STEM Activities Getting Up to Speed Stop for Pedestrians Parking Space No Wheels At a Snails Pace Cloverleaf Outside the Box Bug Battle Tabletop Treasure Spirographer Puppy Bot Range Puppy Proportional Puppy Haunted House Clean Sweep Perfect Pitcher Different Drummer Ramp Up Peak Performance Applause Meter Musical Instrument Random or Not Loaded Dice Efrons Dice Voting Machine Do You Have a Sister Reaction Time Grassfire Part Five: Data Logging Activities Light and Dark Scavenger Hunt Bragging Rights Thunderstorm Crossing the Lines Driving Deriving Zigzag and Diamond Puppy Data Logging Which Room...



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