LearningBlade®
Growing interest and sharpening skills for STEM.

Interactive STEM Toolbox

Interactive Lessons	Challenge Projects	Design Thinking	3D Printing Activities	Career Videos	Parent Discussions	Coding Activities	Papercraft Figures

Mission	Description	Career Clusters
Dolphin Rescue	Help rescue and rehabilitate an injured dolphin, including creating an artificial prosthetic tail	Biomedicine, Marine Science, Telecommunications
Energy Sources	Evaluate alternative or upgraded energy sources for a city that currently has an old coal-fired power plant	Energy Production, Environmental Science
Entrepreneurship	Set up a new business with a focus on entrepreneurship	Finance, Business, Resource Management
Flu Outbreak	Learn how health and IT professionals use data and GIS and social media data analysis to predict flu outbreaks	Information Technology, Disease Management
Fresh Food	Consider methods to increase production of local foods in a community	Agricultural Science
Hack Attack	See how web development, apps and social media experts restore a school's website and media after being hacked	Computer Science, Cybersecurity
Haiti Orphanage	Design and build an environmentally-sound orphanage for children left homeless by an earthquake in Haiti	Civil Engineering Sustainability
Heart Surgery	Understand heart surgery techniques and therapy used to treat a child's heart defect	Medicine, Healthcare
Lightweight Aircraft	Design a lightweight and easily maintained aircraft for multiple roles and mission distances	Aerospace, Recycling, Manufacturing
Manufacturing a Concept Car	Use modern manufacturing techniques to design and build a new concept car	Advanced Manufacturing, Industrial Engineering
Rescue Robots	Explore technology and techniques used in robotics design, such as sensors, circuits, industrial design and computers	Electronics, Computer Science
Transportation Congestion	Evaluate new transportation methods for a city with traffic congestion problems	Transportation, Mechanical Engineering
Intro to Computer Science	Learn about some of the most in-demand CS careers and technologies (condensed version of Hack Attack)	Computer Science, Information Technology

Our Expanding STEM Toolbox

Learning Blade is constantly adapting and expanding to allow educators to integrate STEM awareness and career readiness into their teaching needs.

Interactive Lessons

Over 400 online lessons connect more than 100 STEM careers and technologies to students' academic skills, demonstrating real-world problem solving.

Design Thinking

Students use Design Thinking methodology to solve complex problems through brainstorming, collaboration, and the creative exploration of new possibilities.

Challenge Projects

Simple hands-on activities emphasize problem solving, critical thinking, teamwork and communication using readily-available materials.

3D Printing Activities

3D printing experiments and projects demonstrate STEM principles and provide students experience turning 3D designs into physical items.

Career Videos

Each STEM career addressed in our online lessons also includes a career introduction video presenting the career and its education pathway.

Coding Activities

Fun, interactive coding lessons introduce students to computer science and the development of problem-solving skills, logic, and creativity needed for success in career paths.
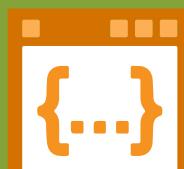
Parent Discussions

Parent-ready handouts stimulate STEM conversations at home, help fill ESSA requirements for parental involvement, and encourage research and simple at-home experiments.

Papercraft Figures

Each STEM career and technology is accompanied by a 3D papercraft figure students can assemble, helping internalize a knowledge of 3D shapes and offer a tangible reminder of the careers and technologies.

For more information contact **info@learningblade.com**

Dolphin Rescue

Antibiotics
- Antibiotics in Livestock (English)
- History of Antibiotics (Social Studies)
- How Antibiotics Work (Science)
- *The Right Dose (Math)

Artificial Limbs
- Measuring Up (Math)
- *The Strength of Limbs (Science)
- Prosthetics in Sports (English)
- History of Prosthetics (Social Studies)

Diving Gear
- Timing Your Dives (Math)
- Diving in Warfare (Social Studies)
- Breathing Under Pressure (Science)
- *Observing Sea Life Using Submarines (English)

Radio Tracking
- *Radio Tracking in Conservation (Science)
- An Overview of GIS Systems (Social Studies)
- Whale Tracking with GPS (Math)
- Privacy Issues of Radio Tracking (English)

Cell Phone
- Inside the Cell Phone (Science)
- Effects of Cell Phones on Society (Social Studies)
- *Designing A Cell Network (Math)
- Cell Phone Help When You Need It (English)

Machinist
- Modern Machining Technology (English)
- *A Day in the Life of a Machinist (Social Studies)
- 3-D Printing Technology (Math)
- Getting in Shape (Science)

Marine Biologist
- *A Day in the Life of a Marine Biologist (English)
- Lessons from Gulf Oil Spill (Math)
- Jacques Cousteau (Social Studies)
- Whale Hunting (English)

Bio-Medical Engineer
- Physics of Swimming (Math)
- Students Driving Change (English)
- The Bionic Man (Science)
- *What is a Biomedical Engineer? (Social Studies)

Veterinarian
- The Perfect Habitat (English)
- *Calculating a Diet for a Dolphin (Math)
- Advanced Surgical Care in Pets (Social Studies)
- Modern Advances in Veterinary Care (Science)

SCUBA Diver
- A Day in the Life of an Aquarium Diver (Math)
- *An Underwater Laboratory (Science)
- Diving in Warfare (Social Studies)
- Observing Sea Life in Submarine (English)

*This lesson is in the Express version of this mission

Energy Sources

Renewable Energy
- Hydroelectric Power Plants (Social Studies)
- Geothermal Heating and Air Conditioning (Science)
- Wind Energy (English)
- *Calculations for Solar Energy Power Systems (Math)

Emission Control Technologies
- *Hazardous Air Pollutants (Social Studies)
- The Science Behind Emissions (Science)
- What are Emissions? (English)
- Emission Releases (Math)

Environmental Protection Agency
- The Energy STAR Program (English)
- What is the EPA? (Social Studies)
- *Climate Change (Science)
- How Clean is the Energy You Use? (Math)

Energy Conservation
- Calculating Your Carbon Footprint (Math)
- Great Inventors (Social Studies)
- *Saving Energy at Home (Science)
- What is Clean Energy? (English)

The Power Grid
- The Power Grid (Science)
- Blackout! (Social Studies)
- How Much Power Do You Need? (Math)
- *The Smart Grid (English)

Environmental Protection Specialist
- Fuels - Coal, Oil and Natural Gas (Science)
- How to Become an Environmental Protection Specialist (English)
- Keeping It Clean (Math)
- *Renewable Energy vs. Fossil Fuels (Social Studies)

Environmental Engineer
- History of Coal-Fired Power Plants (Social Studies)
- *A Day in the Life of an Environmental Engineer (English)
- Can the Color of Your House Reduce Your Energy Bill? (Science)
- Electrical Energy Cost Calculator (Math)

Nuclear Engineer
- Benefits and Uses of Nuclear Power (English)
- Cost of Nuclear Power (Math)
- Top Nuclear Power Disasters (Social Studies)
- *How a Nuclear Power Plant Works (Science)

Power Engineer
- What is Power and Energy (Science)
- Is Renewable Energy the Answer? (English)
- *Oil and Gas Exploration (Math)
- History of Oil Exploration (Social Studies)

Economist
- Economic Impacts of Global Warming (Science)
- A Day in the Life of an Economist (English)
- To Build or Not To Build (Math)
- *The Great Energy Debate (Social Studies)

*This lesson is in the Express version of this mission

Entrepreneurship Mission

Database
- Getting Information Efficiently (Science)
- Really Amazing Data (Social Studies)
- Find the Info (Math)
- *Store This (English)

Workspace
- 9 to 5 - Does This Still Work? (Social Studies)
- *Plan the Space (Math)
- Green the Office (Science)
- Where Do We Work? (English)

Word Processing
- A Proposal: Using Words - Creating Action (English)
- *How Do Word Processors Work? (Science)
- How Does it Look? (Math)
- Typewriters to Word Processors (Social Studies)

Spreadsheets
- Spread the Info (English)
- Calculator to Spreadsheets (Social Studies)
- *Mean, Median and Mode in Spreadsheets (Math)
- The Science of Spreadsheets (Science)

Cyber Security
- Are you a Target? (Social Studies)
- The Business of Security (Science)
- *The Math of Security (Math)
- Breaking the Language (English)

Entrepreneurship

Investor
- The Science of Investing (Science)
- What Are Stocks? (Social Studies)
- Which Investor? (English)
- *Stocks, Equity, or Cash (Math)

Industrial Engineer
- *What is an Industrial Engineer? (Social Studies)
- What Does it Cost? (Math)
- Control It (Science)
- Maximize This (English)

Accountant
- Count on This! (Math)
- Account for This (Social Studies)
- *Just Graph It (Science)
- Is This the Best Way? (English)

Data Scientist
- IQ vs. AI (English)
- It's All in the Stats (Math)
- Mining for more than Gold (Science)
- *Female Firsts in Computer Engineering (Social Studies)

Business Consultant
- *Is Your Plan Ready? (English)
- Looking at Finances (Math)
- Management Principles (Social Studies)
- Systematically Scientific Problem-Solving (Science)

*This lesson is in the Express version of this mission

Flu Outbreak Mission

Computers & Data
- The Computer Age (Social Studies)
- *Chart It Up - The Best Way to Display Data (Math)
- What is a CPU? (Science)
- Charles Babbage: The Father of Computing (English)

Big Data
- What is Big Data? (English)
- They are Watching - How Social Media Gathers Data (Social Studies)
- Examining Data – Exponentially Expanding Exabytes (Math)
- *Big Data Technology (Science)

Social Media
- Changing the Way We Communicate (English)
- Extra, Extra, Read All About It! (Social Studies)
- Social Media Networks (Science)
- *Predicting the Future with Social Media (Math)

GIS Geographic Information Systems
- The Geographic Approach (Science)
- Tracking Yourself with GPS (English)
- *Overview of Geographic Information Systems (Social Studies)
- Spatial Math (Math)

Vaccines
- *How to Create a New Vaccine (Science)
- The History of Polio (Social Studies)
- Calculating the Appropriate Dose (Math)
- What is a Vaccine? (Science)

Flu Outbreak

Database Administrator
- Computer Languages (Social Studies)
- Small Bytes - How Does a CD Work? (Science)
- *A Day in the Life of a Database Administrator (English)
- Adding It Up with a Program (Math)

Computer Programmer
- Bits and Bytes (Science)
- The Information Age (Social Studies)
- *Programming Logic (Math)
- A Day in the Life of a Computer Programmer (English)

Epidemiologists
- *What is an Epidemiologist? (English)
- Preventive Methods and Treatments of the Flu (Science)
- How Does the Flu Spread? (Math)
- History of Health Records (Social Studies)

Anthropologist
- Germs and their Interactions (Science)
- The Evolution of an Outbreak (English)
- *What is a Cultural Anthropologist? (Social Studies)
- Learning to Count - the History of Math (Math)

Statistician
- Stimulating Statistical Standards (Social Studies)
- A Day in the Life of a Statistician (English)
- What is Statistical Modeling? (Science)
- *Mean, Median, and Mode (Math)

*This lesson is in the Express version of this mission

Fresh Food

Hydroponics
- Explaining Hydroponics (Science)
- History of Hydroponics and its Benefits (Social Studies)
- Growing Our Lunch (English)
- *Building a Hydroponic Garden (Math)

Improving Crop Yield
- Jack and the Beanstalk (Science)
- Growing Needs (Math)
- *Pesticides (English)
- Composting (Social Studies)

Organic Farming Methods
- Maximum Efficiency, Minimum Space (Math)
- Designer Plants - Plant Genetics (Science)
- The Organic Food Argument (English)
- *Entomologists (Social Studies)

Living Livestock
- Free the Beef! (Social Studies)
- *Farm Fresh Fish (Science)
- Food that Moos (English)
- Room to Farm (Math)

Farming Equipment
- From the Farm to the Glass (Science)
- My Tractor, My Friend (Social Studies)
- Water your Work (Math)
- *A Day to Plant a Day to Pick (English)

Microbiologist
- Microbes and Disease (Science)
- Finding your Fit (Social Studies)
- *When Food Goes Bad (English)
- Tiny Dangers (Math)

Veterinarians
- Health Benefits of Humane Animal Treatment (Science)
- Antibiotics in Livestock (English)
- Getting it Right (Math)
- *A Day in the Life of a Large Animal Veterinarian (Social Studies)

Agricultural Engineer
- Grinding the Grain (English)
- Why Waste Energy? (Math)
- *Growing Green (Science)
- By the Light of the Moon (Social Studies)

Agronomist
- *Around the Ground (Science)
- Criss Cross (Social Studies)
- Time is Money (Math)
- A Day in the Life of an Agronomist (English)

Food Assurance Technician
- Better Building Blocks (Science)
- Making the Right Choices (English)
- *You are What you Eat (Math)
- It's Found in Food (Social Studies)

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Hack Attack

Social Media
- *Driving the Traffic (Math)
- Check Yourself (Science)
- To the Ends of the Earth (English)
- Who is Watching You? (Social Studies)

Mobile Applications
- Design Your App! (Science)
- *Misdirection (Social Studies)
- DIY App Math (Math)
- Hot Spots are Not! (English)

Cloud Computing
- The History of Cloud Computing (Social Studies)
- It's Not Just a Nimbus (English)
- *Protecting the Cloud (Science)
- How Big is "BIG?" (Math)

Cyber Security
- Are you a Target? (Social Studies)
- The Business of Security (Science)
- *The Math of Security (Math)
- Breaking the Language (English)

Robot Development Kit
- Simple and Compound Machines (Science)
- Controling your World (Social Studies)
- Sensory Overload (Math)
- *If you Build It (English)

Web Developer
- The First Website (Social Studies)
- The Story of a Site (English)
- *Oh, Sweet Phi! (Math)
- Three Second Rule (Science)

Data Scientist
- IQ vs. AI (English)
- *Female Firsts in Computer Engineering (Social Studies)
- Mining for more than Gold (Science)
- It's All in the Stats (Math)

Information Security Analyst
- It Could Happen to You (Social Studies)
- Spreading the Bugs (Math)
- *If I Were a Hacker (English)
- Don't Open the Door (Science)

Software Engineer
- Pushing the Limit (Science)
- The Power of Possibilities (Social Studies)
- *The Journey of a 1,000 miles begins with a line of code (Math)
- The Language of Code (English)

UI/UX Designer
- Getting the Message Write (English)
- *Creating a Visual Interface (Science)
- Sizing Up the Competition (Math)
- Translating our Meaning (Social Studies)

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Haiti Orphanage

Antibiotics
- Antibiotics in Livestock (English)
- History of Antibiotics (Social Studies)
- How Antibiotics Work (Science)
- *Antibiotic Doses for Children (Math)

Water Purification
- *Determining Water Safety (Science)
- Natural Disasters and Disease in Haiti (Social Studies)
- Making Clean Drinking Water (English)
- The Water Cycle (Science)

Green Buildings
- Energy Conversion Rates for Solar Panels (Math)
- Advancements in Green Building Technology (English)
- *Efficient Building Construction (Social Studies)
- Geothermal Heating and Cooling (Science)

Earthquake Science
- The Great Alaskan Earthquake (Social Studies)
- Measuring Earthquakes - The Richter Scale (Math)
- Earthquake Safe Buildings (Science)
- *An Earthquake Strikes Haiti (Social Studies)

Cell Phone
- Effects of Cell Phones on Society (Social Studies)
- Inside the Cell Phone (Science)
- Designing A Cell Network (Math)
- *Cell Phone - Help When You Need It (English)

Civil Engineer
- The Best Type of Bridge (Science)
- Builder of a Civilized World (English)
- *Stand Your Ground with Surveying (Math)
- Modern Wonders of the World (Social Studies)

Architect
- Amazing Architectural Art (Social Studies)
- *What a Hurricane Can Do to a Building (English)
- A Day in the Life of an Architect (English)
- Designing an Orphanage (Math)

Nurse
- Calculating Antibiotic Doses for Children (Math)
- To Vaccinate or Not to Vaccinate (English)
- *Preventative Medicine for Children (Science)
- Providing Medical Care in the 3rd World (Social Studies)

Environmental Engineer
- Trash Troubles (Social Studies)
- Monitoring Our Air (Science)
- *A Day in the Life of an Environmental Engineer (English)
- Supplying Clean Water (Math)

Electrician
- *Designing Electric Circuits in a Home (Math)
- A Day in the Life of an Electrician (English)
- Energy Use in the Home (Social Studies)
- Electrifying Rivals: Edison vs. Tesla (Social Studies)

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Heart Surgery

Heart Repair
- History of Artificial Hearts (Social Studies)
- Putting Your Heart at Risk (English)
- Keep Up That Pace (Science)
- *Our Incredible Heart (Math)

Organ Transplants
- We Got the Beat (Math)
- Foreign Bodies (Science)
- Organ Donation - Myth vs. Fact (English)
- *Artificial Organs (Social Studies)

Air Ambulance
- Air Ambulance - Getting Off the Ground (Math)
- *A Bird with One Wing - How Helicopters Can Fly (Science)
- History and Uses of the Air Ambulance (Social Studies)
- Air EMT (English)

Medical Technology
- How Antibiotics Work (Science)
- *Robotic Surgery (Social Studies)
- New Discoveries in Medicine (English)
- Anesthetics (Math)

Body Imaging
- *Magnetic Resonance Imaging (English)
- X-Rays - The Inside View (Social Studies)
- Cat Scans- A View Inside You (Science)
- Industrial Uses of Medical Imaging (Science)

Doctor
- The Respiratory System (Science)
- Great Doctors in History (Social Studies)
- *Knowing Your Numbers - Diagnostic Testing (Math)
- Ethics and Modern Medicine (English)

Paramedic
- A Day in the Life of a Paramedic (Social Studies)
- When Seconds Count (English)
- The Golden Hour (Science)
- *Race Against the Clock (Math)

Nurse
- Nurse Counseling (Social Studies)
- You Are What you Eat (Math)
- *Blood - it's Chemistry (Science)
- Pediatric Nursing Care (English)

Therapists
- *Work it Out - Occupational Therapy (Social Studies)
- Meeting Ralph - Dog Therapy (English)
- Take a Swim - Aquatic Therapy (Science)
- Make it Move - Physical Therapy (Math)

Biomedical Engineer
- Keep it Level - Sensors for Diabetic Patients (Science)
- What is a Biomedical Engineer? (Social Studies)
- How Big Is My Heart (Math)
- *Students Driving Change (English)

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Lightweight Aircraft (Mission Map)

Metals and Alloys
- How Much Metal is There? (Math)
- How to Make It with Metals (Science)
- The Rarest of Metals (English)
- *Out of the Iron Age - the History of Metals (Social Studies)

Innovative Materials
- Who's Your Alloy? (Science)
- *Flying Farther (Math)
- Wear and Tear (Math)
- Fabric 2.0 (English)

Automation Mechatronics
- *Why Now for Mechatronics? (Social Studies)
- Jack of All Trades (English)
- Real Life Autobots (Science)
- Digital Decision Making (Math)

Aircraft
- *The Solar Impulse (Social Studies)
- The Plane Truth about Planes (Science)
- As the Crow Flies (Math)
- Silent Flight (English)

Recycling Metals
- Where Does Your Can Go? (Science)
- Who Recycles the Most? (Social Studies)
- Save the Earth with Recycling! (Math)
- *Making the Argument for Recycling (English)

Lightweight Aircraft

Machinist
- A Day in the Life of a Machinist (Social Studies)
- Modern Machining Technology (English)
- 3-D Printing Technology (Math)
- Getting to Shape (Science)

Industrial Designer
- Balancing Form and Function (English)
- *A Day in the Life of an Industrial Designer (Social Studies)
- The Material Difference - New Materials in Product Design (Science)
- 3D Modeling (Math)

Welder
- Forging Ahead (Social Studies)
- *Welding (Science)
- Artistic License (English)
- The Cost of Design (Math)

Mechanical Engineer
- Simple and Compound Machines (Science)
- How Machines Advance Civilization (Social Studies)
- Mechanical Advantage and Efficiency (Math)
- *A Day in the Life of a Mechanical Engineer (English)

Manufacturing Technician
- Communication in Manufacturing (English)
- Get it Right (Science)
- *Meeting Demand (Math)
- Quality Assurance (Social Studies)

*This lesson is in the Express version of this mission

Manufacturing a Concept Car (Mission Map)

Automation Mechatronics
- Why Now for Mechatronics? (Social Studies)
- Jack of All Trades (English)
- *Real Life Autobots (Science)
- Digital Decision Making (Math)

Innovative Materials
- *The Rubber Meets the Road (Social Studies)
- Wear and Tear (Math)
- Unbreakable! (Science)
- Fabric 2.0 (English)

Assembly Lines
- Making Your Quota (Math)
- *Assemble Something Different (English)
- Control It (Science)
- Assembly Lines and the Industrial Revolution (Social Studies)

Test Track
- Test Track: Disney Style (Social Studies)
- *Design Matters (Science)
- Start Your Engines (English)
- Length vs. Speed (Math)

Paint Technology
- Rust and Society (Social Studies)
- *By the Bucket (Math)
- The Perfect Coat (Science)
- Color Your World (English)

Manufacturing a Concept Car

Welder
- *Welding (Science)
- Forging Ahead (Social Studies)
- Artistic License (English)
- The Cost of Design (Math)

Mechanical Drafter
- *Aerodynamics in Action (Science)
- Reality: The Simulation (English)
- The Magic Number (Math)
- From the Page to the Track (Social Studies)

Automotive Designer
- *Groundbreaking Automobile Design (Social Studies)
- The Great Shape Up (Math)
- Making it Go (Science)
- If You Can Dream It…. (English)

Safety Administrator
- Anatomy of an Accident (Science)
- Safety in the Factory (Social Studies)
- *Roof Strength Test (Math)
- Crash Test Dummies (English)

Manufacturing Technician
- *Communication in Manufacturing (English)
- Get it Right (Science)
- Meeting Demand (Math)
- Quality Assurance (Social Studies)

*This lesson is in the Express version of this mission

Rescue Robot

Microphones
- Sound Bites - Microphone Technology (Social Studies)
- *Making Waves - Sound Waves (Science)
- Can You Hear Me? (English)
- Turn It Up - Decibel Levels (Math)

Cameras
- I See You - Facial Recognition (English)
- Over the Rainbow - The Electromagnetic Spectrum (Science)
- *Get Focused - Lenses (Math)
- Cameras vs Privacy (Social Studies)

Electronic Circuits
- Printed Circuit Boards (English)
- Vacuum Tubes to Circuit Boards (Social Studies)
- *Zap, Crackle, Pop! - Resistors and Capacitors (Science)
- Staying Alive (Math)

Computers
- A Supercomputer in Your Pocket (Math)
- *Communicating with Computers (English)
- The Computer Age (Social Studies)
- Making Memory (Science)

Sensors & Logic
- *Seeing with Sound - Sonar (Science)
- How Decisions Are Made (Social Studies)
- Digital Decision Making (Math)
- How We and Machines Perceive the World (English)

Industrial Designer
- Balancing Form and Function (English)
- 3D Modeling (Math)
- The Material Difference - New Materials in Product Design (Science)
- *A Day in the Life of an Industrial Designer (Social Studies)

Computer Programmer
- Bits and Bytes (Science)
- *The Information Age (Social Studies)
- Programming Logic (Math)
- A Day in the Life of a Computer Programmer (English)

Mechanical Engineer
- How Machines Advance Civilization (Social Studies)
- Simple and Compound Machines (Science)
- *Mechanical Advantage and Efficiency (Math)
- A Day in the Life of a Mechanical Engineer (English)

Electrical Technician
- *A Day in the Life of a Electrical Technician (English)
- Throw Away and Repairable Electronics (Social Studies)
- Ohm's Law (Math)
- Electric Circuits (Science)

*This lesson is in the Express version of this mission

Transportation Congestion

Trains
- Riding the Rails (Social Studies)
- *Is It Worth the Ride? (Math)
- Rail Tracks (English)
- The Force is With You (Science)

Aircraft
- The Plane Truth about Planes (Science)
- *As the Crow Flies (Math)
- Silent Flight (English)
- The Hindenburg (Social Studies)

Automobiles
- Pay the Toll (Math)
- *Better Mileage and Better Safety (Science)
- Home James - Self-Driving Cars (English)
- Cars and Society (Social Studies)

Hybrid Cars
- Braking the Car (Science)
- Government Policies and Hybrid Cars (Social Studies)
- *Range Anxiety! (English)
- Hybrid Cars (Math)

Public Transportation
- *The Chemistry of Smog (Science)
- Busing It (Social Studies)
- What Floats Your Boat? (Math)
- Pedal Power (English)

Transportation Planner
- Eye in Sky (Science)
- Drive or Dollars? (Social Studies)
- An Ounce of Prevention (English)
- *Hurry Up and Go! (Math)

Transportation Engineer
- Mix It Up (Science)
- Building Blocks (English)
- *To Grid or Not to Grid (Math)
- The Master Plan (Social Studies)

Logistics Engineer
- The Text Heard Around the World (English)
- Find It and Fix It (Math)
- *Five Minutes Late (Science)
- The Labyrinth of Logistics (Social Studies)

Mechanic
- Diesel, Gas, or Electric? (Science)
- *Engine Mechanics (Social Studies)
- Hold Your Horses (Math)
- Dr. Diagnosis (English)

Automotive Engineer & Technician
- Fuel Cells (Science)
- *A Day in the Life of an Automotive Engineer (English)
- Consumption Junction (Math)
- Intelligent Roadways (Social Studies)

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