



WHY DAY OF DESIGN?

We know your school year is already filling up with lesson planning, test prep, staff meetings, parent teacher conferences, and more. It can be hard to find the time and resources to create real-world learning experiences that bring STEM (Science, Technology, Engineering, Math) to life in your classroom while reaching diverse learners. But you know that these experiences are critical for developing the skills your students will need to thrive in future careers and life. **National Day of Design** helps meet this need.

By downloading our free, standards-aligned curriculum and teacher guide at www.nationaldayofdesign.com, and spending one class period allowing your students to embark on this year's mission, you will help them to not only build real-world relevant skills, but also connect them to a nationwide community of problem-solvers and trailblazers like themselves.

This year's National Day of Design is sponsored by **Walmart**, who seeks to continuously engage young people in STEM learning while improving access to information about healthy eating. In alignment with Walmart's priorities, Walmart's National Day of Design Mission is **Healthy Helpers: Personalizing the Shopping Experience for a Healthier You**, where students will design an automated technology solution for Walmart providing individuals and families with suggestions of healthy food, medicine, and/or other products tailored to their nutritional health needs and preferences.

This year's National Day of Design will take place **November 8th, 2019, coinciding with National STEM/STEAM Day**. On this day, we ask that you share photos, videos, quotes, and stories of your students participating in the Mission by using **#DayofDesign2019** and **#WalmartsHealthyHelpers** and tagging **@Walmart** and **@STEMconnector**. We can't wait to share all of your hard work with our networks!



THE MISSION

Day of Design Missions encourage students to innovate creative solutions to real world problems while employing critical thinking, teamwork, an entrepreneurial mindset, and other skills. In the Healthy Helpers Design Mission, students will work on a challenge that impacts their daily lives and their communities: grocery shopping. They will use interdisciplinary skills in various sciences, English, technology and the fundamentals of engineering to design a new invention that will help personalize the shopping experience and promote healthy living, reminding them that each of us has a role to play in solving complex global challenges at the local level.

Teams can tackle this challenge using a wide range of materials and technology from everyday materials available in the classroom to design software to 3D printed components. The focus is on the ideas and approaches as opposed to the end products themselves.



THROUGH THIS MISSION, STUDENTS WILL:

- Connect their learning in the classroom to the real world.
- Gain new understanding of the ways retailers such as Walmart are using technology to provide a personalized shopping experience.
- Grow STEM knowledge and practice STEM skills across disciplines, including engineering, computing, math, and other fields.
- Build skills such as communication, problem solving, teamwork, and entrepreneurship that will prepare them for future careers.

This year's National Day of Design aligns to Common Core and Next Generation Science Standards so it can easily be implemented into the classroom. Materials are catered to different grade levels and allows for various levels of participation from a simple 45 minute lesson to a more extensive lesson plan that can span across the semester.

For more information contact: DayofDesign@STEMconnector.com

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