

Henry Ford Learning Institute

Design Challenge Sequences for Students in Grades K-5

Grade	Title	Prompt
K	Study Buddy	Design a Study Mat for a buddy
K	All's Well that Ends Well	Design a way to end the school day so that students will have a successful learning experience tomorrow
K	Rolling Out the Red Carpet	Design a way to welcome someone new to a classroom or a school
K	It's Your Day	Design a way to make someone in your family feel special
1	The Pampered Pet	Design a way to improve the life of a pet
1	Taming of the Toys	Design a way to keep toys organized
1	What to Wear?	Design a way for kids to know how to dress for recess before going outdoors
1	New Families, Welcome!	Design a way to welcome new families to a classroom
2	Healthy Eating	Design a way to produce healthy food
2	Getting There!	Improve the public transportation experience for parents with kids
2	Staying Alive!	Design a way to help office staff extend the life of plants at work
2	Quality Time	Design a way for someone else's family to enjoy a week together
3	Get Moving!	Design a way to increase movement in kids' lives
3	Less Is More	Design a way to reduce/eliminate waste in the home, school, community or world
3	Homework Helper	Design a way to help a friend complete his/her homework on time and with good quality
4	♥ Detroit!	Design a way for a family to enjoy Detroit
4	Unplugged! Surviving a Techno Fast	Design a way for a Middle Schooler to be entertained during a 3-4 day power outage
4	Something to Love	Design a way to improve community space for neighborhood residents
4	Learning from Our Past	Design a way to capture the stories of families who moved to Detroit during the Great Migration
5	Be Part of Something Great	Design a way to educate the community about our school and motivate people to want to join us
5	Eat, Drink and Be Merry☺	Design a way to improve K-1 lunch/recess experience
5	Entertainment Tonight!	Design a way to entertain a young child
5	Get Involved!	Design a way to increase civic participation