



West Shore School District
Curriculum Map – Applied Engineering

Week	Module/Unit
1	Safety and safety quizzes
2 3	Support structure designs/spaghetti tower
4 5 6	Pinch point structures Manila Folder challenge
7 8	Coaster forces design Marble Drop challenge
9 10	Bridge structure research and design West Point Bridge competition
11 12 13	Hydrodynamic design Boat Hull Project
14 15 16	Aerodynamic designs/Balsa plane challenge
17 18	Pencil Research Pencil of the future Presentations