

Objective Number	21st Century Skills  ■ = Covered	Lessons			Projects	
		Making things move	Circular to linear movement	Continuous rotation	Gears and pulleys	4 Guided projects
<b>Life &amp; Career Skills</b>						
1	Collaborate and cooperate effectively with teams.	■	■	■	■	■
2	Leverage strengths of others to accomplish a common goal.	■	■	■	■	■
3	Be accountable for results.	■	■	■	■	■
4	Adapt to varied roles, job responsibilities, schedules, and contexts	■	■	■	■	■
5	Incorporate feedback effectively.					■
6	Manage time and projects effectively.					■
7	Utilize time and manage workload efficiently.					■
8	Monitor, define, prioritize, and complete tasks without direct oversight.					■
9	Prioritize, plan, and manage work to achieve the intended result.					■
10	Reflect critically on past experiences in order to inform future progress.					■
11	Respond open-mindedly to different ideas and values.					■
12	Set and meet goals, even in the face of obstacles and competing pressures.					■
13	Work positively and ethically.					■
<b>Learning &amp; Innovation Skills</b>						
1	Act on creative ideas to make a tangible and useful contribution to the field in which the innovation will occur.	■	■	■	■	■
2	Articulate thoughts and ideas effectively using oral, written, and nonverbal communication skills in a variety of forms and contexts.	■	■	■	■	■
3	Assume shared responsibility for collaborative work, and value the individual contributions made by each team member.	■	■	■	■	■
4	Develop, implement, and communicate new ideas to others effectively.	■	■	■	■	■
5	Demonstrate imagination and curiosity.	■	■	■	■	■
6	Use a wide range of idea creation techniques (such as brainstorming).					■
7	Elaborate, refine, analyze, and evaluate ideas in order to improve and maximize creative efforts.					■
8	Be open and responsive to new and diverse perspectives; incorporate group input and feedback into the work.	■	■	■	■	■
9	Demonstrate originality and inventiveness in work and understand the real world limits to adapting new ideas.					■
10	Solve different kinds of non-familiar problems in both conventional and innovative ways.					■
<b>Information, Media &amp; Technology Skills</b>						
1	Access information efficiently (time) and effectively (sources).	■	■	■	■	■
2	Use information accurately and creatively for the issue or problem at hand.					■
3	Use technology as a tool to research, organize, evaluate, and communicate information.					■

