



Skills Matrix

Phases:



Research & Planning



Testing & Learning



Extensions



Design & Construction



Share & Showcase

You've got this!

This skills matrix shows your **iBlock modules on the left**, and across the top are the **skills** that you'll practice as you work through your iBlock challenge.

Module	Gathering Research	Making Logical Inferences from Text	Producing Informative and/or Persuasive Texts	Identifying Challenges	Producing Multiple Solutions	Justifying Decisions Using Research	Identifying Constraints and Improvements	Applying Scientific Ideas to Design, Test, and Improve a Device	Understanding Proportional Relationships	Collecting and Analyzing Data	Providing and Receiving Constructive Feedback	Producing Creative Writing Texts	Identifying Parts of Stories and Story Structure	Evaluating and Using a Variety of Media to Present Information	Editing Photos/Videos Using Software
Understanding the Engineering Design Process	✓		✓	✓		✓	✓			✓	✓				
The History of Rube Goldberg	✓	✓	✓										✓	✓	
The Physics of Rube Goldberg Machines	✓	✓	✓								✓	✓		✓	
Plan Your Machine and Theme	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		
Design Your Machine Blueprint	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Build a Rube Goldberg Machine	✓		✓		✓	✓	✓	✓	✓	✓	✓		✓		
Tell Your Story	✓		✓			✓					✓	✓	✓	✓	
Test and Evaluate	✓		✓	✓		✓	✓	✓	✓	✓	✓				
Plan an Improvement	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		
Inventor Showcase	✓		✓			✓	✓				✓			✓	
Making Movie Magic	✓		✓		✓	✓	✓				✓		✓	✓	✓



7 Norden Lane
Huntington Station, NY 11746
877.455.9369
teq.com

TeqTM

BrooksTM

TeqTM

Middle School Level (Grade 6) Skills Matrix:

Rube Goldberg Machines

Created for:
All City Leadership Secondary School (K554)

Learning redesigned.