

7TH GRADE MATHEMATICS

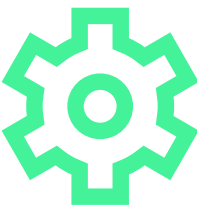
CHAPTER

BENCHMARKS

★ COMPLETE



DEFINED LEARNING PROJECTS



1

EXPONENTS
AND
RATIONAL
NUMBERS

MA.7.NSO.1.1

- [Math Teacher](#)

2

OPERATIONS
WITH
RATIONAL
NUMBERS

MA.7.NSO.2.2

MA.7.NSO.2.3

- [Car Dealership CEO](#)
- [Game Designer: County Fair](#)
- [Baker: Cupcakes](#)
- [Educational Game Developer](#)
- [Scuba Divemaster](#)
- [Local Development Planner](#)
- [House Band](#)
- [Materials Engineer](#)
- [Backpack Designer](#)
- [Skateboard Designer](#)
- [Civil Engineer: Multi-Purpose Sports Entertainment Complex](#)

3

EXPRESSIONS,
EQUATIONS,
AND
INEQUALITIES

MA.7.AR.2.1

MA.7.AR.2.2

- [Food Truck Entrepreneur](#)
- [Car Dealership CEO](#)
- [Game Designer: County Fair](#)
- [Baker: Cupcakes](#)
- [Materials Engineer](#)
- [Designer: Aquatic Habitats](#)
- [Scuba Divemaster](#)
- [Artificial Island Real Estate](#)
- [Financial Analyst: LED Street Lights](#)
- [Virtual Store Owner](#)
- [Kinetic Artist](#)
- [Food Truck Owner](#)

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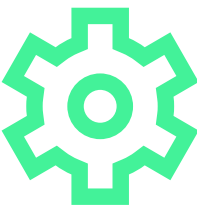
CHAPTER

BENCHMARKS

★ COMPLETE



DEFINED LEARNING PROJECTS



4

RATIOS
AND
PROPORTIONS

MA.7.AR.3.2
MA.7.AR.3.3
MA.7.AR.4.2
MA.7.AR.4.3
MA.7.AR.4.4
MA.7.AR.4.5

- [Car Dealership CEO](#)
- [Game Designer: County Fair](#)
- [Baker: Cupcakes](#)
- [Advertising Manager: Facial Products](#)
- [Energy Engineer: Net-Zero School](#)
- [Goal 11: Sustainable Cities and Communities](#)
- [Park Designer](#)

- [Civil Engineer: Multi-Purpose Sports Entertainment Complex](#)
- [Scoutmaster](#)
- [Campaign Manager](#)
- [Community Garden Coordinator](#)
- [Aeronautical Engineer](#)
- [Community Wellness Coach](#)
- [Automotive Finance Manager](#)

- [Financial Analyst: LED Street Lights](#)
- [Virtual Store Owner](#)
- [Prosthetist: Helping Animals with Prosthetic Designs](#)
- [Rocket Golf Course Designer](#)
- [Food Truck Entrepreneur](#)
- [Paramedic](#)
- [Artificial Island Real Estate](#)

5

PERCENTS

MA.7.NSO.1.2
MA.7.AR.3.1

- [Car Dealership CEO](#)
- [Game Designer: County Fair](#)
- [Baker: Cupcakes](#)
- [Advertising Manager: Facial Products](#)
- [Scuba Divemaster](#)
- [Local Development Planner](#)
- [Materials Engineer](#)
- [Backpack Designer](#)

- [Civil Engineer: Multi-Purpose Sports Entertainment Complex](#)

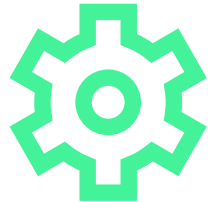
6

PROBABILITY
AND
DATA DISPLAYS

MA.7.DP.2.2
MA.7.DP.2.4

- [Game Designer: County Fair](#)
- [Actuary: Hurricane Relief](#)

7TH GRADE MATHEMATICS

CHAPTER	BENCHMARKS ★ COMPLETE 	DEFINED LEARNING PROJECTS 
7 STATISTICS	MA.7.DP.1.1 MA.7.DP.1.2	• Career Counselor • Paramedic Statistics • Research Dietician • Research Consultant
8 AREA, SURFACE AREA, AND VOLUME	MA.7.GR.1.2 MA.7.GR.1.3 MA.7.GR.1.4 MA.7.GR.1.5 MA.7.GR.2.1 MA.7.GR.2.3	• Designer: Aquatic Habitats • Architect: Tiny House • Interior Designer: Socially Distanced Classroom • Rain Barrel Manufacturer • Humanitarian: Hurricanes • Skateboard Designer • Urbanist: 15 Minute Cities • Planning Committee: Pi Day Celebration • Goal 9: Industry, Innovation and Infrastructure • HoverBoard or Bust • Prosthetist: Helping Animals with Prosthetic Designs • Curator: Immersive Animal Experience • Graphic Artist: Cereal Box Design • Manufacturer: Ethical Coffee Cup Insulation • Aquarium Designer