

Science Minilessons: Planning

Shoot for the stars.

RESEARCH the great challenges that humans face in traveling from Earth to the nearest stars (other than our sun).

IMAGINE a ship or some other technology that would make the journey possible.

CREATE a planning sheet for inventing such a piece of technology.

Investigate inventors.

THINK of a famous invention that interests you.

RESEARCH the invention, learning how the inventor first came up with the idea.

COMPLETE a planning sheet (*Inquire* page 261), tracking the inventor's goal, objectives, tasks, time, team, and tools.

Disaster Plans

THINK of natural disasters like earthquakes, tsunamis, volcanic eruptions, wildfires, floods, and so on.

PICK one kind of natural disaster and search for plans from the Federal Emergency Management Agency (FEMA) for handling this kind of disaster.

ANALYZE these plans by completing a planning sheet. (See *Inquire* page 261.)

Math Minilessons: Planning

Bridge Builders

IMAGINE that you have the goal of building a safe, strong bridge over a backyard creek.

COMPLETE a planning sheet, outlining a plan for making this goal a reality. (See *Inquire* page 261.)

When you consider tools, **LIST** the types of mathematics you will need to build a safe, strong bridge that will last.

Metric Schedule

RESEARCH why microseconds and milliseconds are metric, but seconds, minutes, hours, days, weeks, and months are not.

EXPLAIN why the number of days in a year could never be metric.

DESIGN a metric calendar, with units of ten, for seconds, minutes, hours, days, and months.

Making Millions

THINK of how much money you would like to have in 10 years.

WRITE a goal stating how much money you want and what you'll do (legally) to get it. (See the formula on *Inquire* page 256.)

CALCULATE how much money you need to make each year, each month, each week, and each workday to reach that amount.

COMPLETE a planning sheet outlining your plan for making that much money.