Science & Engineering Remote Sensing Ready SET Go Collect & Display Poster

Prep & Setup Guide

Poster Components

All poster components can be printed on **8.5 x 11” paper**

There are PDFs for:

- **Poster Pages** to build the poster (pages numbered in lower right corner with corresponding adventure(s))
- **Poster Pages** with examples are for educator reference only and not intended to print.
- **Blank Pages** for more space or to build your own poster
- **Blank ¼ page cards** for learners to add additional terms, drawings, ideas
- **Term cards**:
  - Icon-only
  - Term + icon

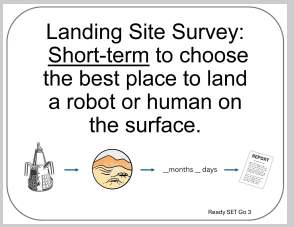
Setup

To set up the poster space, you will need a wall or whiteboard area of about **80” Length x 60” Height**

Please see the following pages for setup examples. You may choose alternative layouts to fit your learning environment.

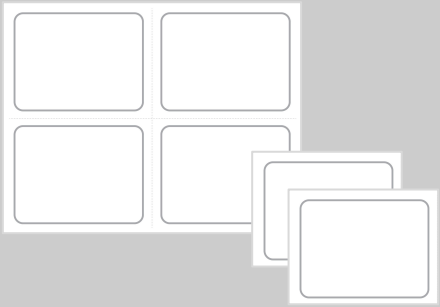
Poster Pages

Term Cards



Term + icon

Blank ¼ page cards



Intended for learner responses

Poster Pages With Examples

For reference only, Do not print.

Blank Pages

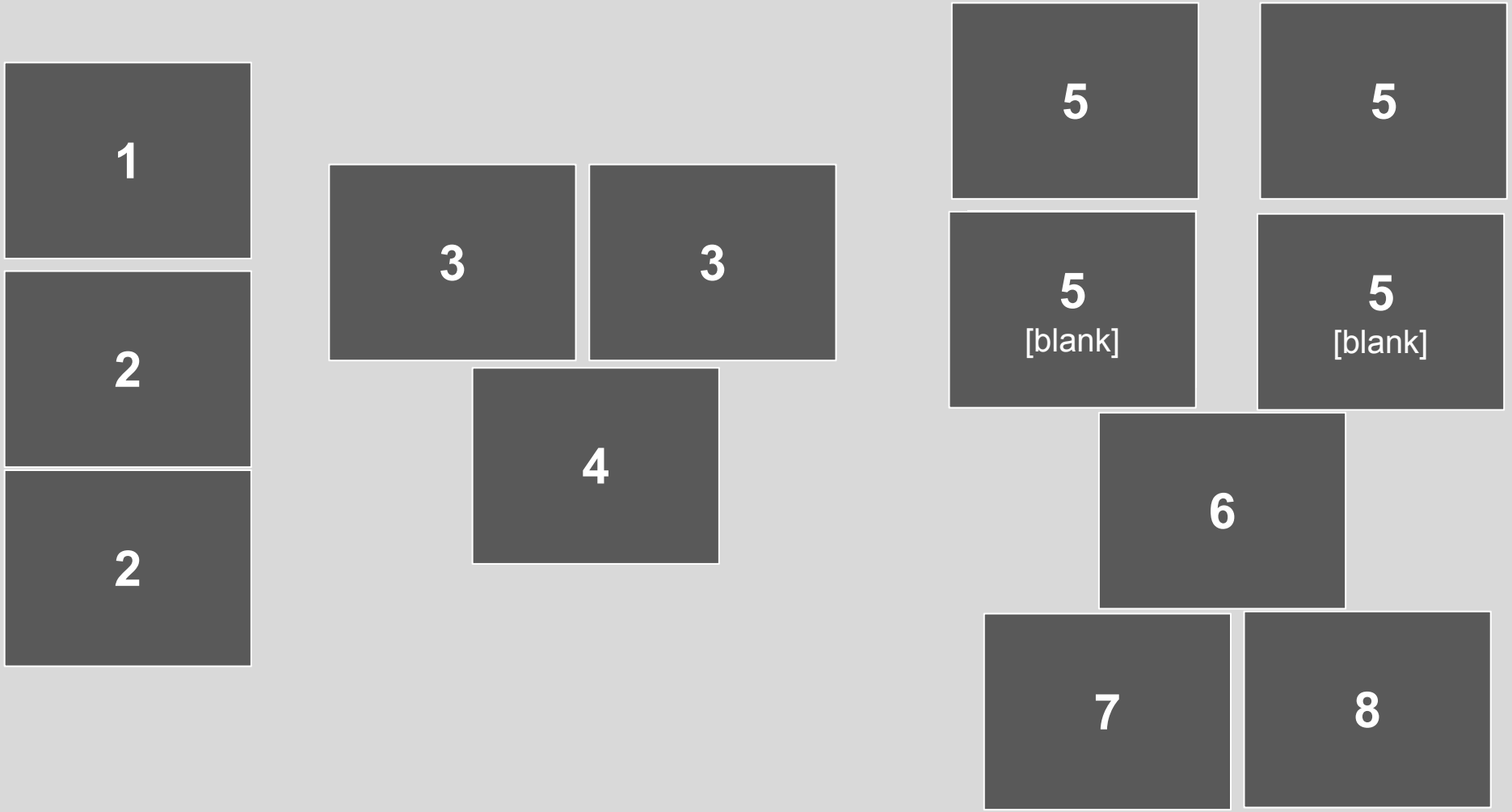
Other Materials:

- Scissors
- Masking Tape
- Tape
- Markers

icons: Flaticon.com

Poster Setup (In-Use Example)

Our Ideas about Remote Sensing
Ready SET Go



Poster Setup (In-Use Example)

Our Ideas about Remote Sensing
Ready SET Go

Which survey mission should we send to Mars?

What instruments does a space craft need for it?

Ready SET Go 1

What kinds of things do you think we should learn about Mars?

Ready SET Go 2

Ready SET Go 2

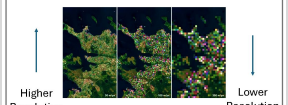
Landing Site Survey:
Short-term to choose the best place to land a robot or human on the surface.

Ready SET Go 3

Global Survey:
A long-term mission to explore and map a new planet or moon.

Ready SET Go 3

Resolution:

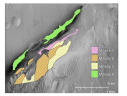


Ready SET Go 4

Physical Properties:
The shape & texture of a surface.

Ready SET Go 5

Composition:
What a surface is made of.



Ready SET Go 5

Ready SET Go 5

Ready SET Go 5

Criteria:
Things a successful design needs to do or have.

Ready SET Go 6

Scientists

Ready SET Go 7

Engineers

Ready SET Go 8

Poster Setup (In-Use Example)

Our Ideas about Remote Sensing
Ready SET Go

Which survey mission should we send to Mars?

What instruments does a space craft need for it?

Ready SET Go 1

What kinds of things do you think we should learn about Mars?

Ready SET Go 2

-What is Mars made of?

-Is there life on Mars?

-Can you grow food on Mars?

Ready SET Go 2

Landing Site Survey:
Short-term to choose the best place to land a robot or human on the surface.

Ready SET Go 3

Global Survey:
A long-term mission to explore and map a new planet or moon.

Ready SET Go 3

Resolution:

Ready SET Go 4

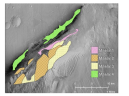
Physical Properties:
The shape & texture of a surface.

Ready SET Go 5

looks like.
-shape
-color
-texture/dich'íízh
Diné language- not smooth

Ready SET Go 5

Composition:
What a surface is made of.



Ready SET Go 5

-What it is made of?
-minerals
-chemistry
-carbon /Káábin
Diné language- carbon

Ready SET Go 5

Criteria:
Things a successful design needs to do or have.

Ready SET Go 6

Scientists

-Measure
-Research/na'atkaah
Diné language- research
-Observe
-Ask Questions

Ready SET Go 7

Engineers

-make bridges
-design
-build
-create
-model
-solve problems

Ready SET Go 8

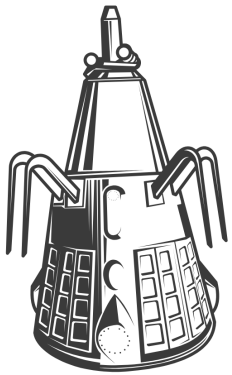
Remote Sensing Ready SET Go Our Ideas Poster

Which survey mission should we send to Mars?

What instruments does a space craft need for it?

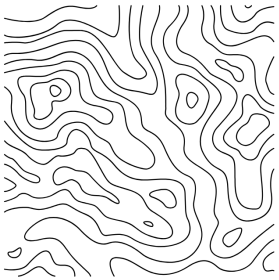
What kinds of things do you think we should learn about Mars?

Landing Site Survey: <u>Short-term</u> to choose the best place to land a robot or human on the surface.

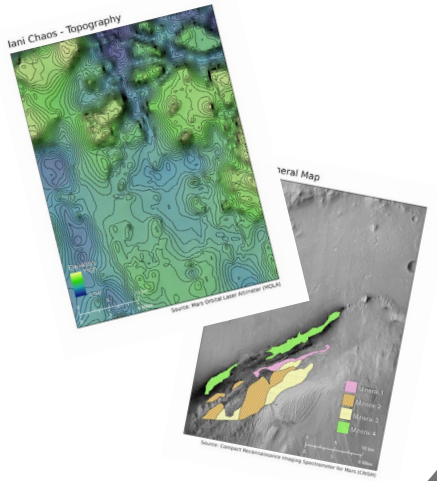


__months __ days

Global Survey:
A long-term mission to explore and map a new planet or moon.

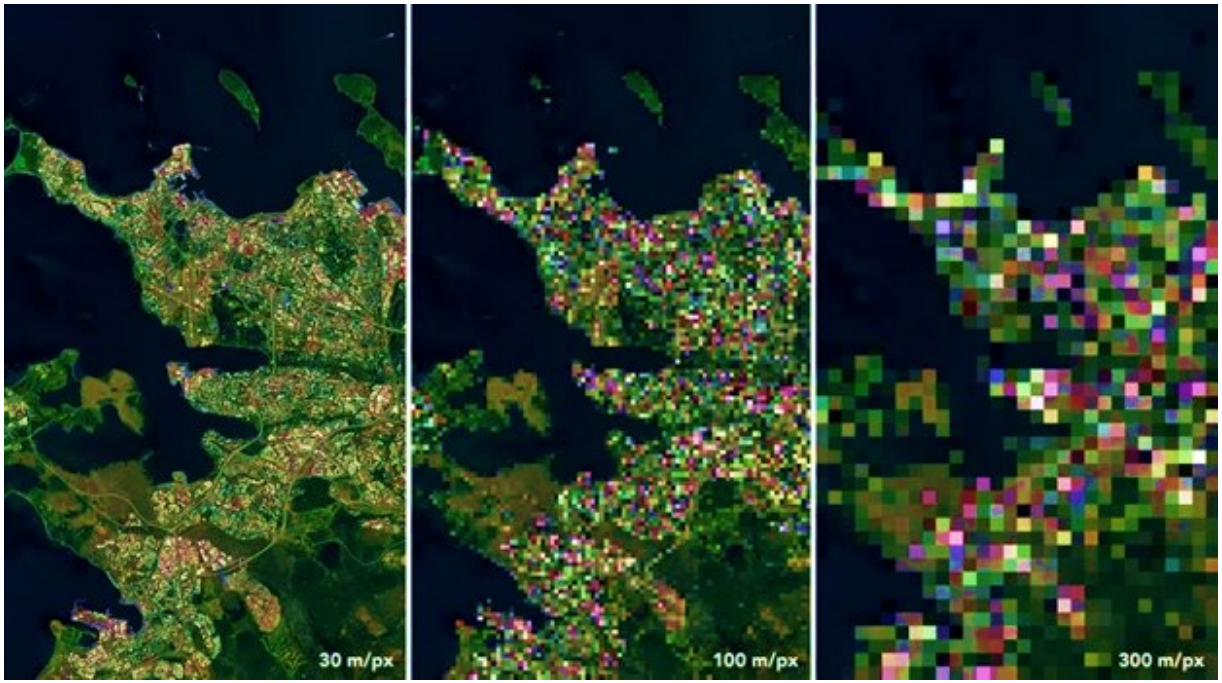


__ years __months __ days



Resolution:

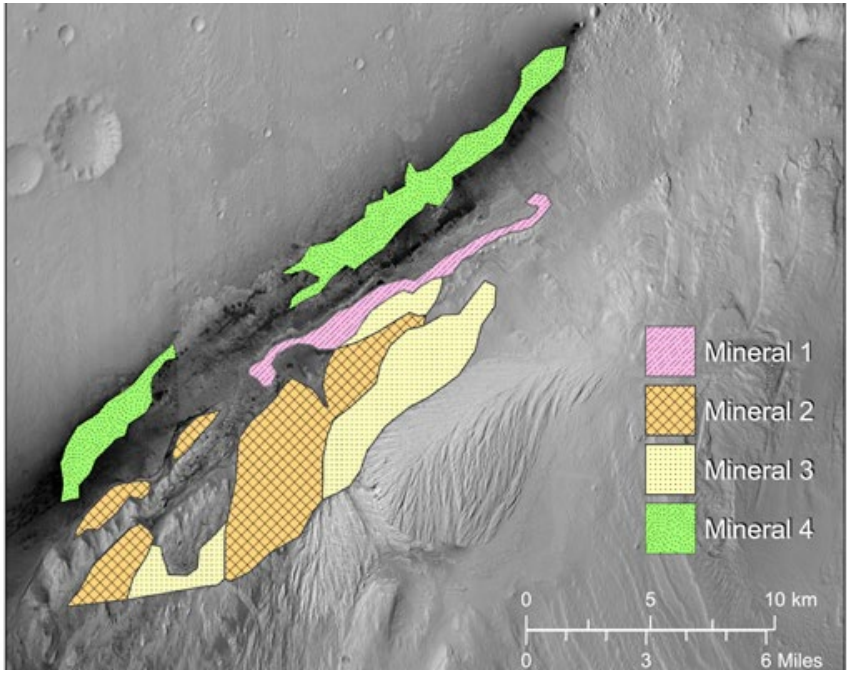
Higher Resolution



Lower Resolution

Physical Properties: The shape & texture of a surface.

Composition: What a surface is made of.



Criteria:
Things a successful design needs to do or have.

Scientists

Engineers