



## Soaring Rockets

### Description

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Help students critically think during this fun rocket activity.

## Supplies

- Straws
- [Soaring Rockets Printable](#) for each student
- Scissors
- Markers

## How to Play

1. Pass out one rocket sheet, markers, scissors, and glue to each student.
2. Students decorate their rockets, cut out the rockets, and glue two rocket sides together, leaving an opening at the bottom for a straw to fit in.
3. As students are decorating and make their rockets, read out some of the space facts below.
4. Have students stand in a line on one side of the room and put their straws in their rocket.
5. Announce "Go" and students blow into their straws to try to get their rocket as far as possible.
6. Look at the different rockets and their distance and announce which rocket made it the farthest.
7. Have students retrieve their rockets and try again.
8. If time permits, they can create another rocket with the other two on their sheet and see if they can make this one go further.
9. Space Facts:
  - You could fit 1.3 million Earths in the sun
  - Space is very cold, around -270.45 Celsius

- A full Nasa space suit costs \$12,000,000
- There are more trees on Earth than stars in the Milky Way
- Space is completely silent because there is no atmosphere in space
- The sunset on Mars appears blue
- A dog went to space back in 1957
- Neil Armstrong was the first person to walk on the moon

## Activity Prompts for Reflection

- What was a good choice you made during this activity?
- What helped you to make your rocket go farther?
- If you could do this activity again what would you do differently?
- Did anyone not make a good choice during this activity, if so what was it?

## Other Ways to Play

- Have students practice their measuring skills by measuring how far their rocket soared.
- Put out cones or pieces of paper with points written on them. Have students work to aim their rockets at the different cones/papers.
- If working with older students, you can use this more [complex rocket tutorial](#).

## Additional Notes

- Use the [SEL Activity Prompts](#) to tie other SEL competencies to this activity.
- Have a space-themed day or week with the additional space-themed activities linked below:
  - [Galactic Memory](#)
  - [Planet Poem](#)
  - [My Planet](#)
  - [Constellation Construction](#)
  - [Keep Your Stars](#)
  - [Black Hole](#)

### Category

1. Activities

### Sel-competency

1. Responsible Decision-Making

### Allotted-time

1. 30 minutes

### Themes

1. STEM

