

LOOK CAREFULLY

Activity 1

Teacher's information:

Depending upon the grade level, the story should be read by either the teacher or students. Teachers should review/reinforce vocabulary words and discuss the story.

Questions to be asked might include:

- What kind of energy did Captain Dave use to power his ship?
- Why did young SuitSat One travel to planet Earth?
- Why did his twin sister travel to Earth?
- How did Valesare communicate with Captain Codey Fraser on the International Space Station?
- How did Valesare's message get to the people of planet Earth?

Vocabulary words:

1. astronaut
2. energy
3. galaxy
4. International Space Station
5. Milky Way Galaxy
6. Morse code
7. planet
8. solar panels
9. speed of light
10. star

1. astronaut: a person trained to pilot, navigate, or otherwise participate as a crew member of a spacecraft
2. energy: any source of usable power, the ability to do work
3. galaxy: a large system of stars held together by mutual gravitation
4. International Space Station: a permanent international laboratory in space
5. Milky Way Galaxy: the galaxy containing the solar system
6. Morse Code: used for transmitting messages in which letters of the alphabet and numbers are represented by various sequences of dots and dashes
7. planet: any of the 9 (recently 8) large heavenly bodies revolving about the sun
8. solar panels: photo cells used to collect energy from the sun and convert that energy into electricity
9. speed of light: light travels at 186,000 miles a second
10. star: any large heavenly body that is self-luminous

Hamfesters “Sounds of Morse”

A: “didah”
B: “dadididit”
C: “dadidadit”
D: “dadidit”
E: “dit”
F: “dididadit”
G: “dadadit”
H: “didididit”
I: “didit”
J: “didadadah”
K: “dadidah”
L: “didadidit”
M: “dadah”
N: “dadit”
O: “dadadah”
P: “didadadit”
Q: “dadadidah”
R: “didadit”
S: “dididit”
T: “dah”
U: “dididah”
V: “didididah”
W: “didadah”
X: “dadididah”
Y: “dadidadah”
Z: “dadadidit”