

# Kid Scoop

THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE



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# Hello! Anyone Out There?

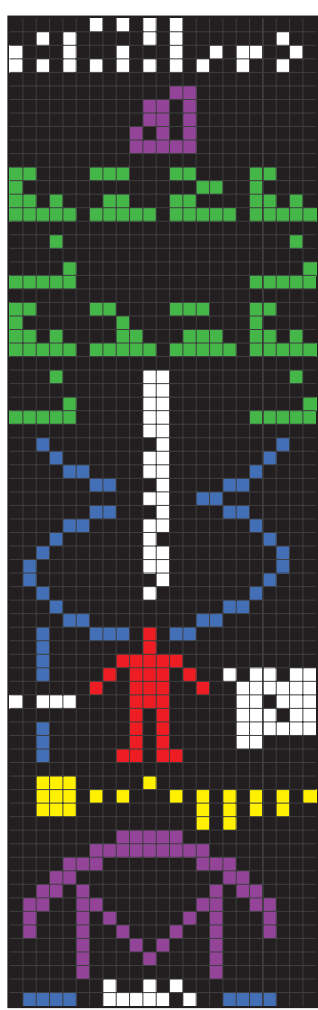
Astronomers are trying to talk to beings who live on other planets, sometimes called aliens. So far, it has been a one way conversation. Scientists on earth sent out messages starting in 1974. However, technology has changed a lot since then. The Arecibo Observatory is now working on a new message and they are asking kids around the world for help!

## First Message to Aliens

The first Arecibo message was sent into outer space with the belief that if there were beings out there who had a level of intelligence similar to ours, or better, they would be able to detect the radio signal and figure out how to translate it.

The message was aimed at an area in space called the Great Cluster of Hercules. It is 25,000 light years away. (That means that if you could travel at the speed of light, it would take 25,000 years to get there!)

Scientists know they won't get a response in their lifetimes, but if and when an answer comes, it would be very interesting!



The numbers one to ten

Information about human DNA to help describe us to aliens

A pictogram of a human

Map of our solar system

Pictogram and information about the Arecibo radio telescope

## Send a Message to Aliens!

2019 is the 45th anniversary of the Arecibo Message. It will be the year astronomers send another message into space. This time they want teams of students from around the world to come up with messages. If you were writing a message to aliens, what would you say?

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To learn more about the Arecibo Message Challenge, go to [www.areciboobservatory.org](http://www.areciboobservatory.org)

## What is another word for space aliens?

Use the math code to find out:

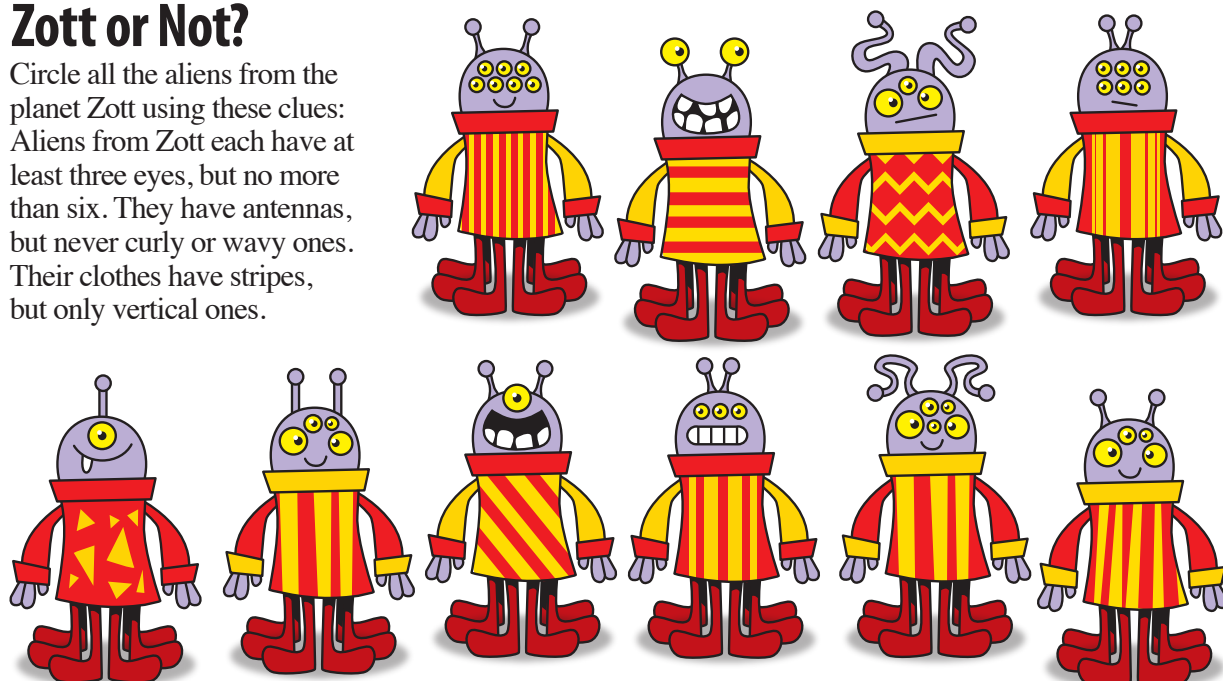
4+4= A	5+1= L	1+1= T
3+4= E	2+2= R	4+5= X
3+2= I	1+0= S	2+1= Y

7 9 2 4 8 2 7 4 4 7 1 2 4 5 8 6 1

\*This word describes things that come from outside of Earth's atmosphere.

## Zott or Not?

Circle all the aliens from the planet Zott using these clues: Aliens from Zott each have at least three eyes, but no more than six. They have antennas, but never curly or wavy ones. Their clothes have stripes, but only vertical ones.



## Extra! Extra! Invent an Alien

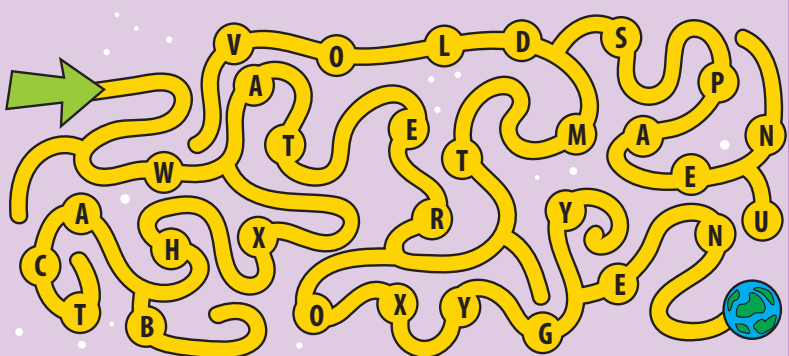
Challenge your imagination by using the newspaper to create a "picture" of an alien. Go through the newspaper and select and cut out parts of different animal and human bodies. Put these together to create a new creature. Could this be what an alien looks like? Why or why not?

Standards Link: Research: Use the newspaper to locate information.

## Kid Scoop Puzzler

The universe is a vast place, and many scientists believe that somewhere out there, there is life. To help locate where this life might be, they look for planets in the **Goldilocks Zone**. This is a part of the solar system that has "just right" conditions for life – conditions that are like ours.

What two things do scientists think planets need to support life? Write down the letters on the correct path.



## Double Double Word Search

- HERCULES
- RESPONSE
- ARECIBO
- MESSAGE
- CLUSTER
- PLANET
- ALIENS
- SIGNAL
- ANSWER
- DETECT
- RADIO
- TEAMS
- LIGHT
- PLACE
- HELP

Find the words in the puzzle. How many of them can you find on this page?

E	S	N	O	P	S	E	R	A	R
L	T	H	G	I	L	G	I	E	E
O	B	I	C	E	R	A	T	N	S
I	H	S	M	E	L	S	N	M	D
D	E	I	S	I	U	S	A	E	E
A	L	G	E	L	S	E	A	C	T
R	P	N	C	G	T	M	E	A	E
S	S	A	N	S	W	E	R	L	C
S	E	L	U	C	R	E	H	P	T

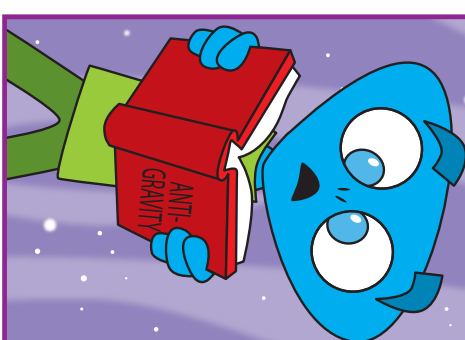
Standards Link: Letter sequencing. Recognized identical words. Skim and scan reading. Recall spelling patterns.

## FROM THE Kid Scoop LESSON LIBRARY

### Symbol Speak

When people don't speak the same language, picture symbols (pictographs) help them to communicate. Look through the newspaper for pictographs. Write in words what each one means.

Standards Link: Research: Use the newspaper to locate information.



Why did the alien read the book about anti-gravity so quickly?

ANSWER: The book was just impossible to put down!

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