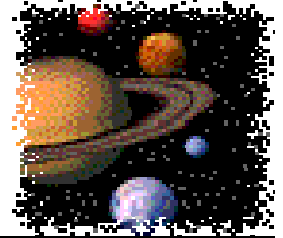


# 3rd Grade October Puzzlers



## Research It!! Science Challenge

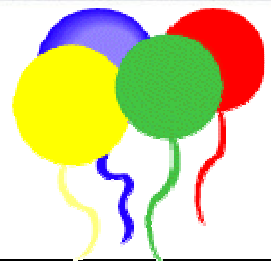


List the 9 planets (this includes the dwarf planet Pluto) in order from closest to furthest from the sun.

NAME OF THE PLANET	AVERAGE DISTANCE FROM THE SUN IN MILES



There are four friends (Adam, Elizabeth, Peter, Sally) and each has a balloon. From the clues below can you match each of them with their age and balloon?



The kids are aged 5, 6, 7 and 8 and one of them has a blue balloon.

- The six year old girl has a green balloon.
- Adam has a red balloon and is older than Peter.
- Elizabeth is 5 years old but her balloon isn't yellow.

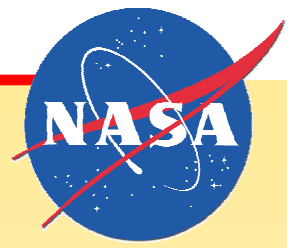
Name	Age	Balloon Color

Return this optional enrichment sheet to Mrs. Connell when you complete it!



## Website of the Month

### NASA for Kids



Visit this website and read stories, see videos and images from NASA.

<http://www.nasa.gov/audience/forstudents/k-4/index.html>

Answer these questions using the website above.

1. When was Pluto discovered and who named it? \_\_\_\_\_
2. Using the NASA Picture Dictionary, what is the definition of gravity?  
\_\_\_\_\_

Use the Astro-Matic 3000 to figure out your current age on the following planets.

Planet Name	My Current Age on...
Earth	
Venus	
Mars	
Saturn	
Jupiter	



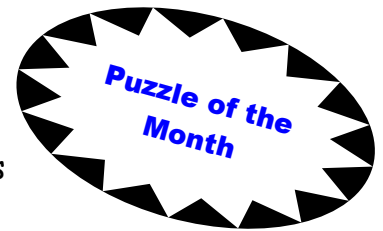
Solve this

$$1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 =$$

\_\_\_\_\_

### MISSING NUMBERS PUZZLE

There are twelve numbers in the box between 37 and 97. The numbers increase by 4. Can you figure out which four numbers are missing?



45	65	81	57
85	77	89	69
49	97	73	37

The missing numbers are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_