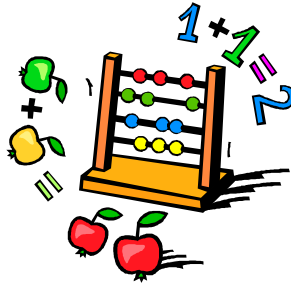


FIBONACCI NUMBERS ACTIVITY



The Fibonacci sequence is a list of numbers in which each number is equal to the previous two. Let's see how the sequence is created...can you fill in the blanks?

0 , 1 , 1 , 2 , 3 , 5 , 8 , 13 , _____ , _____ , _____ , _____ , _____

- 0+1=1**
- 1+1=2**
- 1+2=3**
- 2+3=5**
- 3+5=8**
- 5+8=13**

Can you continue the sequence in order to fill in the above blanks?

The Fibonacci sequence happens in nature...can you find it in the following places?

*The number of petals in a flower is normally a Fibonacci number. Check out some flowers! Record what you find.

*Count the number of spirals on a pinecone. Do this by looking at the bottom of a pinecone. Is it a Fibonacci number? Record what you find.

*Count the number of sections in fruit (bananas, apples, oranges). Is it a Fibonacci number?
