SCIENCE AGENDA April 10 -14th

DATE		IN CLASS WORK (Performance Task)	SUCCESS CRITERIA HOMEWORK
Monday April 10th	**FOCUS QUESTION** How does the chromosome fit together like a puzzle?	• Students will learn about the structure of the chromosome. • Students will receive a letter: A,C,G or T and will try to find its matching nitrogen pair.	**HW:** DNA Puzzle Students will be able to explain that the sides of the DNA molecule are alternating phosphates and sugars and the rungs are nitrogen base pairs of adenine-thymine and cytosine-guanine.
Tuesday April 11th	**FOCUS QUESTION** Why do people all look differently?	• Students will reconstruct the DNA using candy.	**HW:** None Students will be able to explain that the reason we all look differently is because the nitrogen bases in the DNA molecule are different for everyone.
Wednesday April 12th	**FOCUS QUESTION** Who was Gregor Mendel?	• Students will review pages 76-79 in the science book on Gregor Mendel and his experiments.	**HW:** None Students will be able to explain that Gregor Mendel is known as the father of genetics because he was the first to study genetic traits with pea plants.
Thursday April 13th	**FOCUS QUESTION** Why do some offspring look more like their father or mother when they receive the same amount of genetic material from both parents?	• Students will do the Class Survey on page 85 in the science book. • Students will learn about dominant and recessive traits found on pages 86-89 in the science book.	**HW:** None Students will be able to explain that the reason the offspring may look more like one parent than the other is because that parent may have more dominant traits.
Friday April 14th	**No School**		**HW:** None