INSPIRED INVENTIONS

......WHAT WAS THE INFLUENCE......

HELICOPTERS & DRAGONFLIES What features do both have in common?	BULLET TRAINS AND THE KINGFISHER BIRD What problem were the engineers trying to solve?
While dragonflies may have influenced the design, what other changes needed to be made?	What about the shape of the Kingfisher Bird's beak made it a shape to try?

GECKSKIN AND GECKOS	NATURAL INSPIRATIONS
What were some of the questions that the scientists had about the Gecko?	What are other examples from nature that influenced a human-made object?
Why was the Gecko's movement something they focused on observing?	

NATURAL INSPIRATIONS CHART

NATURAL OBJECT	HUMAN MADE OBJECT
Identify the structure or part of the animal which was used as an inspiration.	What human-made object was influenced? Why was that a good idea to consider?
willen was used as an inspiration.	Willy was that a good idea to consider:

OUR TURN

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THE NATURAL OBJECT WAS:AND IT INFLUENCED THE HUMAN MADE OBJECT
WE FOUND OUT MORE ABOUT HOW SCIENTISTS/ENGINEERS USED THE NATURAL OBJECT AS AN INSPIRATION INCLUDING:
1.
2.
3.

COMPARE AND CONTRAST THE TWO — WHAT THINGS ARE SIMILAR? WHAT THINGS ARE DIFFERENT?

SIMILAR	DIFFERENT
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NHAT ARE THE 3-4 POINTS YOU WILL SHARE WITH Y	OUR CLASSMATES?
1.	
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2.	
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