

INSPIRED INVENTIONS

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

HELICOPTERS & DRAGONFLIES

What features do both have in common?

While dragonflies may have influenced the design, what other changes needed to be made?

BULLET TRAINS AND THE KINGFISHER BIRD

What problem were the engineers trying to solve?

What about the shape of the Kingfisher Bird's beak made it a shape to try?

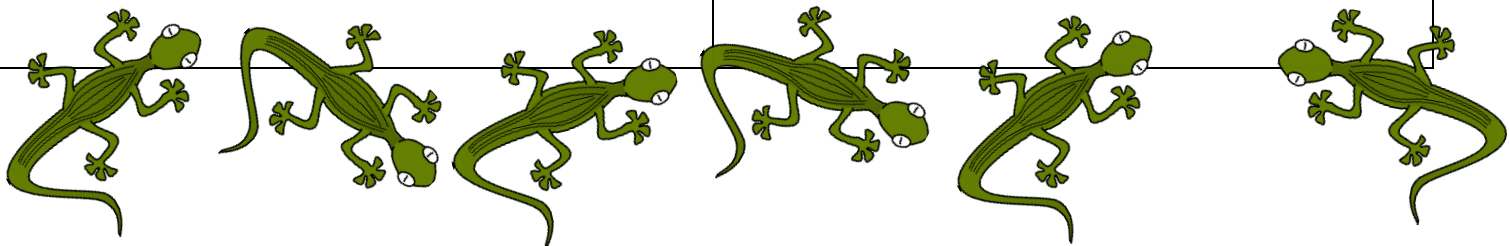
GECKSKIN AND GECKOS

What were some of the questions that the scientists had about the Gecko?

Why was the Gecko's movement something they focused on observing?

NATURAL INSPIRATIONS

What are other examples from nature that influenced a human-made object?



NATURAL INSPIRATIONS CHART

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OUR TURN

OUR GROUP WAS ASSIGNED THE VIDEO ABOUT:

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

WHAT ARE THE 3-4 POINTS YOU WILL SHARE WITH YOUR CLASSMATES?

1.
2.
3.
4.