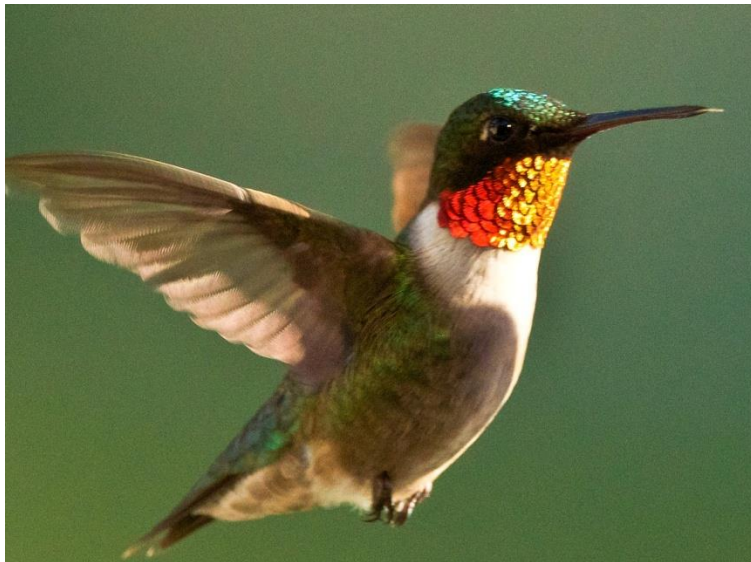


STEAM Wingbeats

Topic 3 STEAM

FACTOID

Hummingbirds are found only in the Americas, from southern Alaska to Argentina. Their powerful wings allow them to fly forwards, backwards, upside down, and quickly change directions. They hover when feeding, remaining almost motionless in the air.



Some hummingbirds can beat their wings more than 80 times per second!

Directions:

- ❑ Research the number of wingbeats per second for hummingbirds, other birds, and insects found in the United States.
 - ❑ *Need at least 4 other birds or insects*
- ❑ Calculate the number of times each of these animals or insects beat their wings in 1 minute, and then in 1 hour
 - ❑ Work must be shown on your poster!
- ❑ Present your findings in a table.



	Beats per second	Beats per minute	Beats per hour
Hummingbird	80	4,800	288,000



STEAM Wingbeats

S We researched wingbeats per second for each bird/insect

T We used technology to ...

E We are engineering a table with the wingbeats per second, minute and hour.

A We are creating an artistic poster

M We are converting seconds, to minutes, to hours.

