

Name(s): _____

Date: _____ Period: _____

Teacher: _____

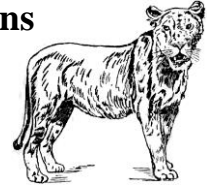
LEGO WeDo – Roaring Lion – Science/Math Extensions

Lion Science

The **species** name of the African Lion is *Panthera leo*.

There other types of “big cats” that are **related** to African lions.

This **genus** name of this related group is *Panthera* (also *Puma*).



Research the following information about African lions and other *Panthera* and *Puma* species.

Type of Lion	Species Name	Habitat/Location	Social Behavior (How do they cooperate, hunt, reproduce, etc.?)
African Lion	<i>Panthera leo</i>		

Programming Logic

Save all of the WeDo programs that you create for this project; use the name “P5 Lion”.

- Explain each part of this program: (Put words in the boxes below.)

Start when press “A”										
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- Create some new programs that can “remote control” the lion, using the tilt sensor.

Build the new programs **underneath** the original programs.

Be sure to control the **time** that the motor runs. (Don’t let it grind!)

Maybe try to use these program blocks (in a **different** order):



Draw your new program(s) on the back of this page...

Be sure to **save** all of your programs together, and name the project “P5 Lion”.

Be sure to get **sign-off** on your tracking sheet.

