Name(s):	Date:	Period:
•	Teacher:	

LEGO WeDo - Hungry Alligator - Science & Math Extensions

Alligator Science Research the following facts about alligators:

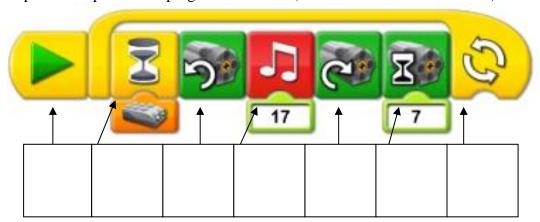


- Feeding Habits -- What do alligators eat? How do they get food? How do they eat it?
- **Habitat** Where do alligators live? Which environments? Which continents? Which states?
- **Life History** How long can alligators live? How big can they get? How do they reproduce?

Programming Logic

Save the program that you created in the WeDo software. Name it "P4 Alligator".

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



Make some new programs that can "remote control" the alligator, using the keyboard. Place the new program blocks <u>underneath</u> the original program.
Make one key ("O") open the mouth, and another key ("C") close the mouth. Be sure to control the <u>time</u> that the motor runs. (Don't leave it running!)
Maybe try to use these program blocks (in a logical order, not as shown):



Draw your new programs here (or on the back of this page):

Be sure to <u>save</u> all of your programs <u>together</u>, and name the project "*P4 Alligator*". Be sure to get <u>sign-off</u> on your tracking sheet.

