Name_____

What Is an Algorithm?

An algorithm is a detailed step-by-step instruction set or formula for solving a problem or completing a task. In computing, programmers write algorithms that instruct the computer how to perform a task.

Creating a Magical Creature Based on an Algorithm

Draw a picture of a creature by following the steps below.

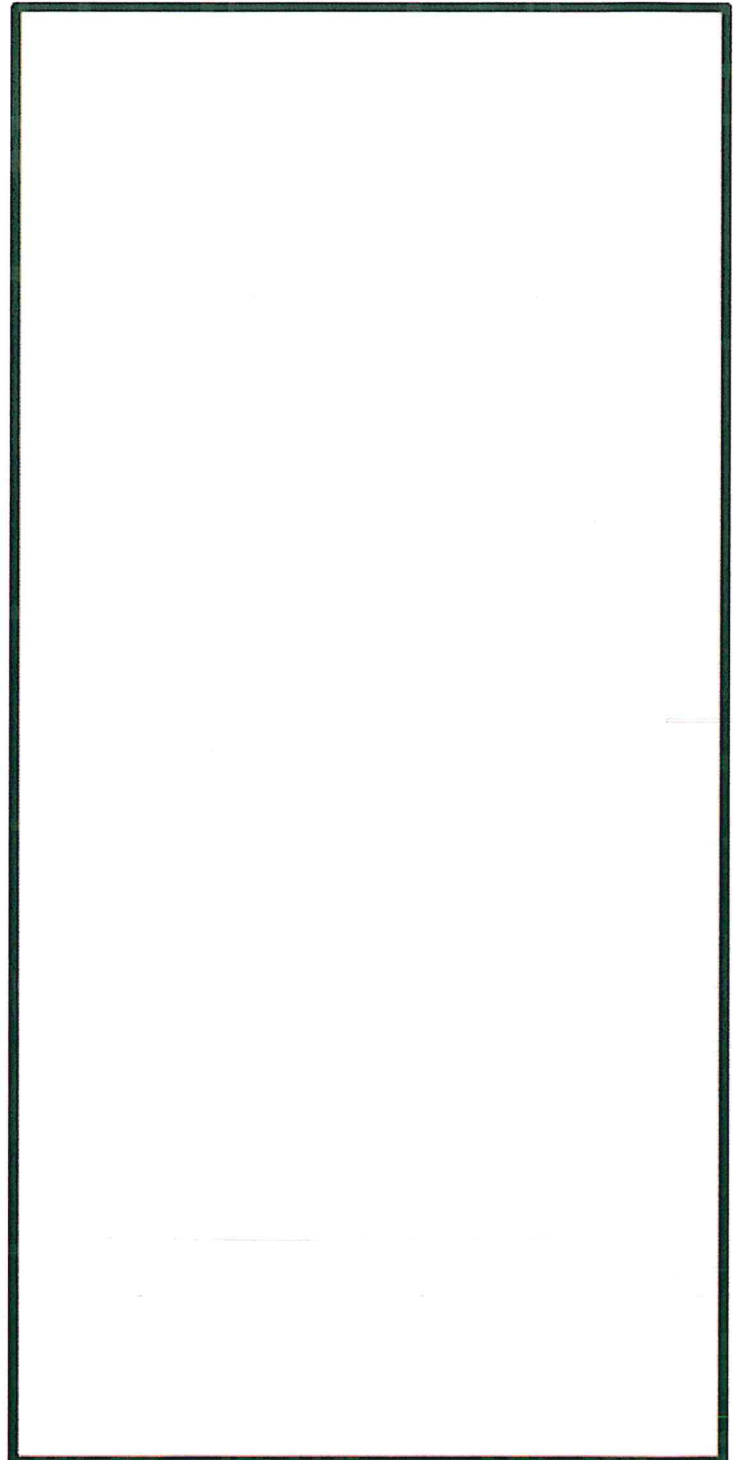**when run**

- add head
- add body
- add nose
- add eyes
- add mouth
- add legs
- add arms

Add a tail, ears, wings or horns if you want to.

Name _____

1. What is the title of the website?

_____

- -

_____

2. What would you tap on if you wanted to find
out information about tigers?

_____

- -

_____

3. Where would you look if you wanted to find
out more information about lions?

_____

- -

_____

4. What would you tap on if you wanted to
find some videos of lions?

_____

- -

_____

Name _____

Digital Texts and Features

- **Digital tools** are types of technology used for research or to give information.

- **Digital texts** are read or experienced through digital tools.

- **Digital features** can help you find information. A **menu** has links to other pages. An **icon** is a picture that stands for something.

▶ Look at the website below. Then answer the questions about it.

Lions   ▶ Videos   Games   (Login)

| Where They Live | What They Eat | How Long They Live | How Big They Are |

Lions live in **Africa**. The lion is the second largest **cat** in the world. Only the **tiger** is bigger! Lions are very social animals. They live in groups called **prides**.

→
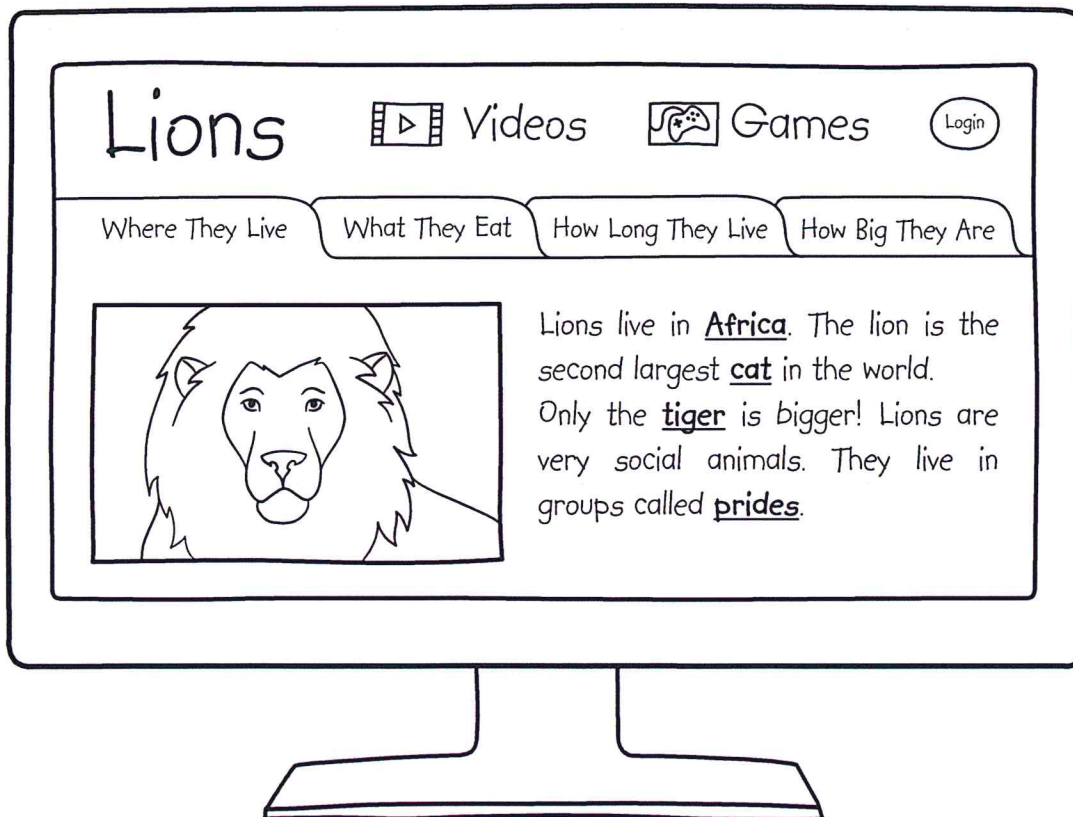
Digital Tools and Texts

A **digital tool** is a type of technology, like a computer, tablet, or smartphone. A **digital text** is a text you read or experience using digital tools. A **presentation** is a formal way to share information with others. You can use a presentation tool, like a digital slide, when presenting.

▶ Read the digital text below. Then answer questions about it.

Wild Weather Facts: Tornadoes!

Tornadoes form when strong winds spin in a circle.
A tornado is a large gray cloud that is wide at the top and skinny at the bottom.

Most tornadoes only last a few minutes, but some are very strong.

Take cover if you see one!

TORNADO VIDEOS

TORNADO SOUNDS

TORNADO SAFETY TIPS

06:32

For more information about wild weather, click on the **Wild Weather Facts** homepage.

1. What is a digital tool that you could use to find and read this digital text?

_____

2. Circle the letters of the special features you see in "Wild Weather Facts: Tornadoes!"

   a. Video recording

   b. Hyperlink

   c. Interactive diagram

   d. Audio recording

3. Which special feature would you click on to find information about other kinds of wild weather?
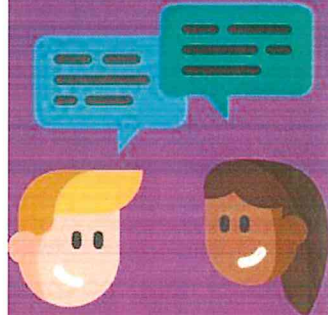
_____

_____

_____

▶ Share a fact you learned about tornadoes. Write and draw in the box to make a slide you could use to present the information.

Name_____

Write your answer to the questions asked on the right using the notebook paper below.

Turn & Talk

How have smartphones changed the way you or your family members interact? What are some positives and negatives about kids having or using smartphones?

@ SUSIE #You're it

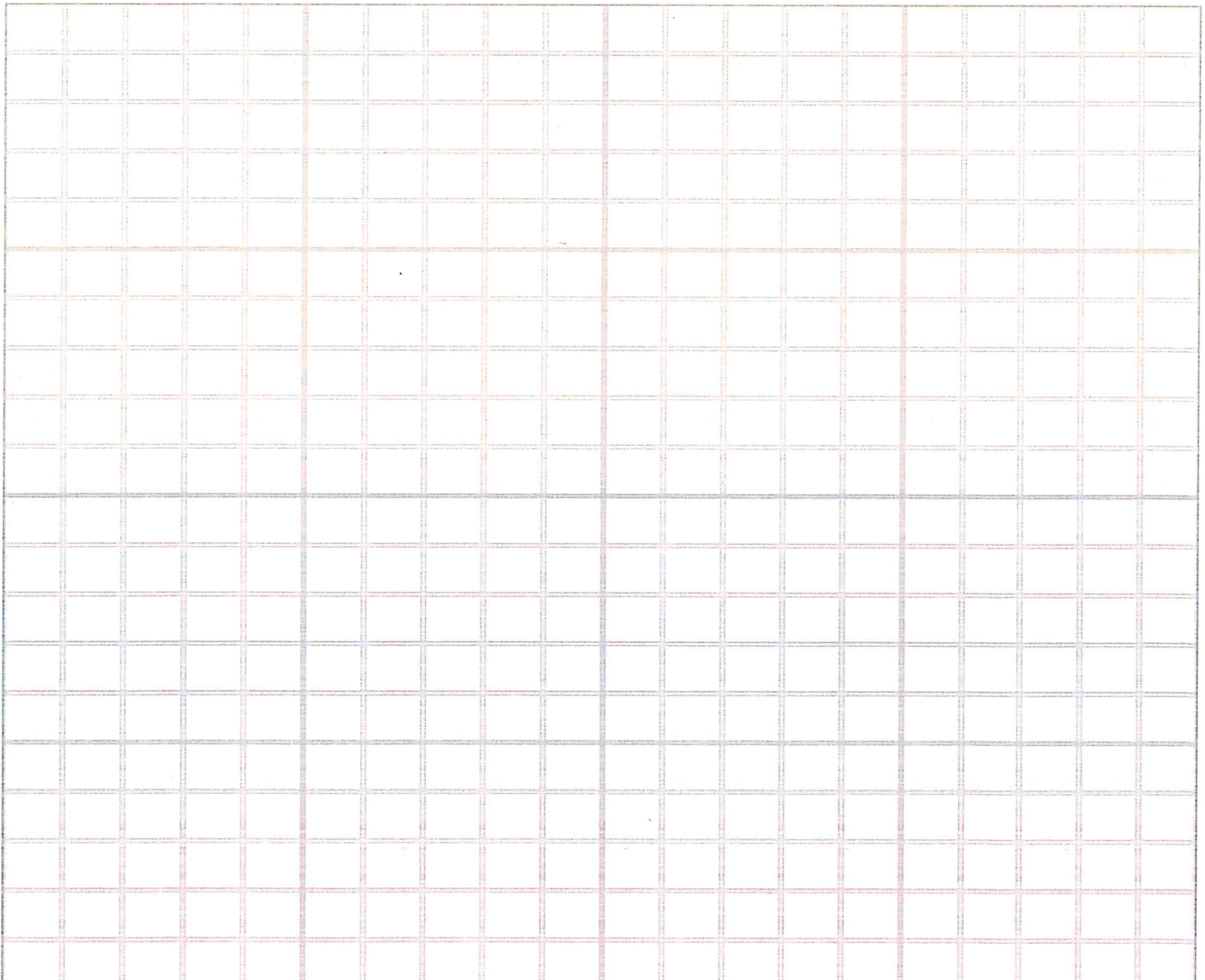© ERINTEGRATION LLC BY ERIN FLANAGAN 2019

Draw/sketch and label your charging invention on the graph paper below. Give your invention a name.

DeSign It

Create, design, and/or innovate a better way to charge devices instead of cords. Use your imagination - it doesn't have to work.

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Name_____

Draw/sketch and label a prototype of your classroom recording invention on the graph paper below.

Give your invention a name.

Design It

Create a recording solution for use in classrooms that is space saving, helps eliminate background noise, and can be used by students.

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