

SCIENCE 8

SEMESTER 2

PROCESSES OF SCIENCE:
COMPARE
ESTIMATE
MEASURE

JANUARY 2020
MRS. PLYTER PLYTER.COM/SCIENCE

Name _____

Period _____



14

How Big?

A Hair and a Pin

Life→Cells→Cells Apps→How Big

Handout

Screen Check _____

15

You Measure it!

Use a digital USB Microscope + paper ruler to measure widths to 0.1 (tenth) cm. Measure lines on this page and more....

Try to estimate to 0.01 cm.

You need a Screencheck for at least 3 of #1-7 and all of #8-10.

Measure in cm ↓ Check ↓

- 1) Green Line _____
- 2) Yellow Line _____
- 3) Red line → _____
- 4) Thin black line _____
- 5) One hair (yours) _____
- 6) Green thread _____
- 7) String _____
- 8) _____
- 9) _____
- 10) _____



Thu

16

Cricket

Use Crickets to Measure the Temperature.

Online Scientific Method
Science→Inquiry→Online Scientific Method

Handout + Screenshot

Tutorial _____

Cricket _____



If Time:

Cricket Worksheet _____

OR

Cricket Research

DO your own research. Listen to cricket chirp recordings. Determine the temperature. _____

OR

Preview a Density Lab Density and Layers

Points
Objective -
Grade

Calendar Front
and Back

Tracker

How Big?

Black Box

Cricket

If Time

Quizzes:
Initial in Color

Mon _____

Tue _____

Wed _____

Total _____

What2Learn
Initial in Color

Thur _____

Tracker

Estimate Direction and
Distance

Science→Inquiry→Tracker
Handout

Screen Check _____

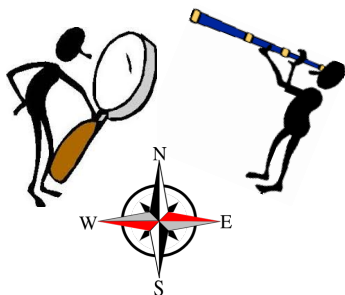
Discovery Black Box

"Scientific Inquiry"

Inquiry→Discovery Black Box

Estimate to determine hidden
shapes.

Screen Check _____



Central Science Home Page www.plyter.com/science

Discovery Education 24yearlastf Student #

McGraw Hill Rubber Duck → Green folder

Google Page→ Google Classroom Class Code: yzbzxn

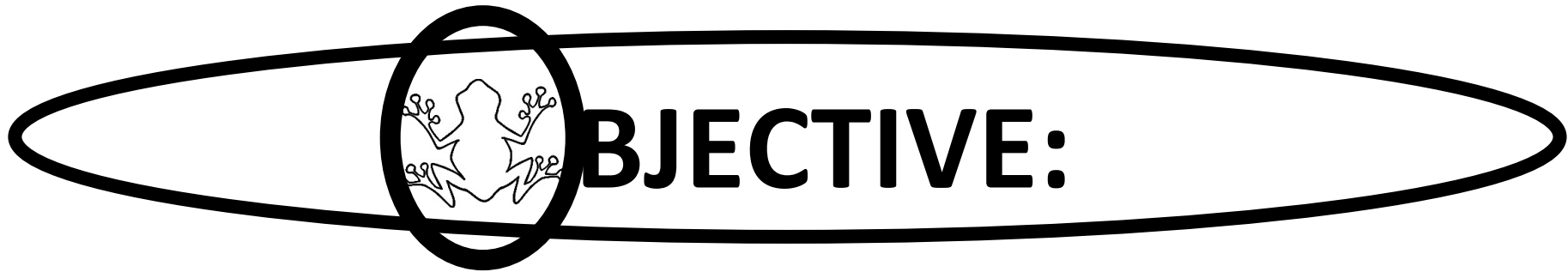
Practice Tests→ mygradebook.com plyter20 Your ID#

Inquiry → Tracker →Online Scientific Method

Life Science→ Cells→ How Big...

→Discovery Black Box





Write the Objective: _____

Prefixes (& a suffix)
to know and use:

A) Write the meaning of the prefix:

- 1) Micro- (in the metric system of measure) _____
- 2) Micro- (in general conversation) _____
- 3) Milli- _____
- 4) Kilo- _____
- 5) Centi- _____

Your Grade for Last Week:

	<u>Yours</u>	<u>Required</u>
O-Wing Data	___	25
Gym Flight	___	10
Calendar Front & Back	___	20
Quizzes	___	30
What2Learn	___	10
Google Screenshot File	___	20
Extra	___	

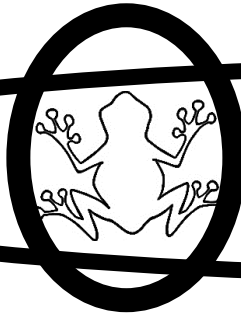
Total _____ **115**

Yours / Required X 100 = your %
___ / ___ X 100 = ___%

Look up your % in Gradebook ___%

Did you do better or worse last week??

Look for blanks & Labels on Calendar!



OBJECTIVE:

To better understand units of measure, and that objects observed at one scale may not be observable at another scale, by using computer models to assist in measuring. (MS-LS1-1)