

Web Research

Grade 1



STANDARD 3:

FIND IT!

**I CAN USE DIGITAL
TOOLS TO FIND,
JUDGE, AND USE
INFORMATION.**

Objectives/Benchmarks

- a. **THIS WEEK: I CAN DESIGN MY RESEARCH PLAN**
- b. I CAN FIND, SORT, JUDGE, UNDERSTAND, AND USE INFORMATION IN TRUTHFUL WAYS (COPYRIGHT)
- c. I CAN PICK THE RIGHT INFORMATION AND TOOLS DEPENDING ON WHAT TASK I WANT TO DO.
- d. I CAN SORT DATA AND TELL WHAT IT MEANS.

PLEASE BRING CLEAN, EMPTY 2LITER PLASTIC BOTTLES TO MY ROOM TO HELP THE GARDENING CLUB.

We are going to recycle them and make hydroponic gardens! We are also trying to make a greenhouse at AISA.

Thank you.



What does **research** mean?

RE- words

What does re-mean?

research

rewrite

redo

remake

recall

remember

revisit

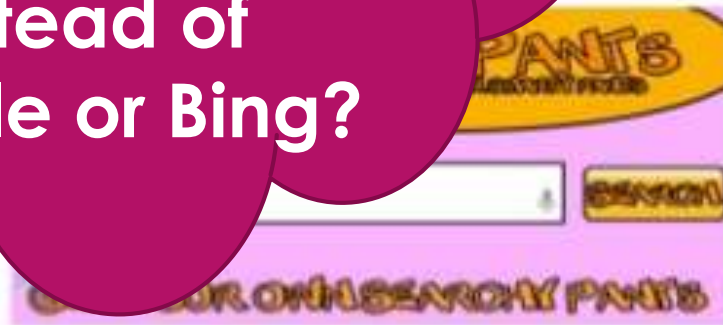
replay



Kids Search Engines



How or why could it be a better idea to use student search sites instead of Google or Bing?



Welcome Ticket

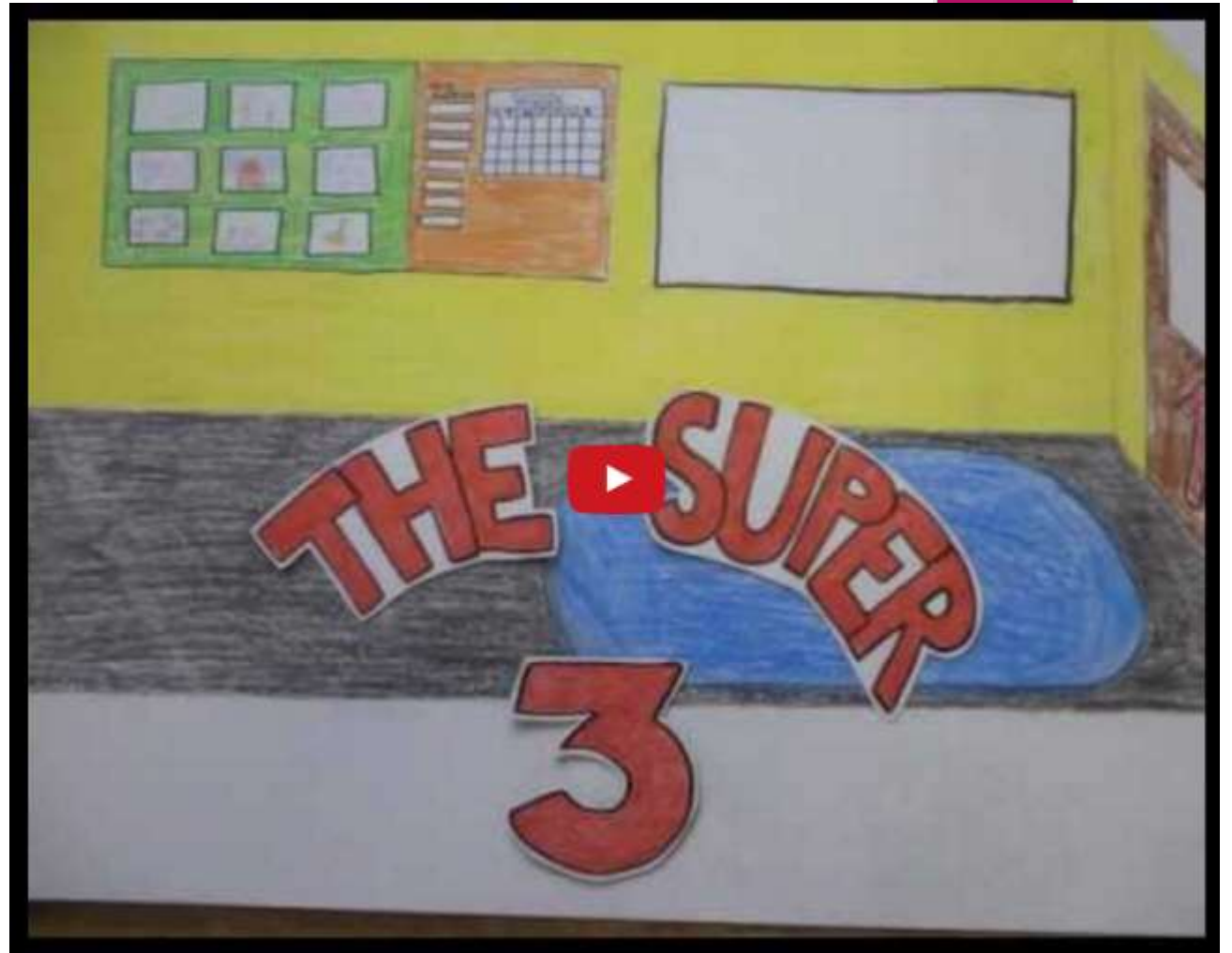
Padlet

bit.do/rsrch1

- 1 **FIRST AND FAMILY NAME**
TEACHER'S NAME (*Homeroom*)
- 2 **What is research?**
- 3 **Who do you know that does research?**
- 4 **Write about a time you researched something.**



What Are
The
Super 3?



Research Process:



Actual

PLAN

1. Student has a question

DO

2. Student begins to find credible sources and info to begin answering EQ's



REVIEW

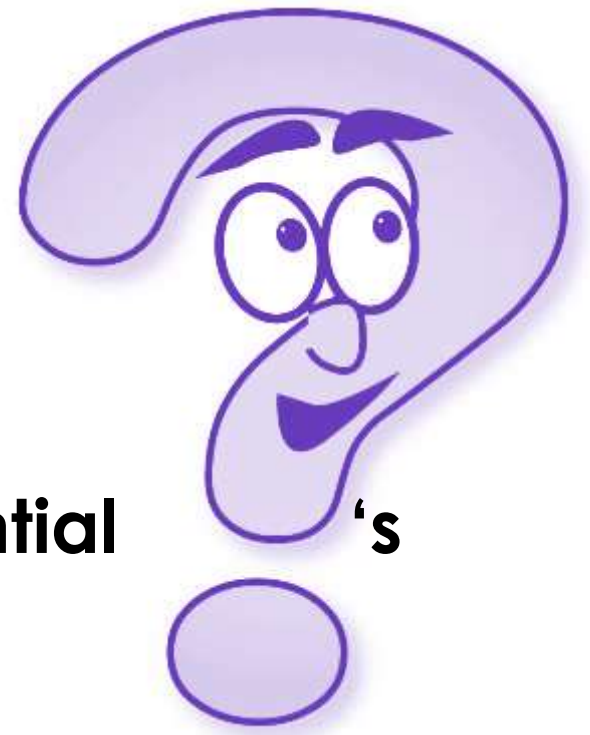
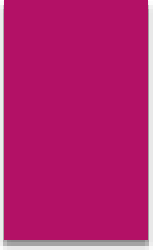
3. Student analyzes info.



4. Student reaches a conclusion based on evidence.



Don't forget to REFLECT



Essential 's

"The Super3 Research Song" (2009) by The Dandylions

Authors: Michelle Rosen and Debra Halabis

<http://big6.com/media/files/super3song.mp3>

The Dandylions, 2nd grade students from Durham, NC will share their Super3 research song with you to help us remember the Super 3. Listen to their young voices and learn the Super3 basics — Plan, Do, and Review. Thanks, Dandylions!

SUPER3 SONG by the Dandylions (2009)

Here are the words so you can sing along:
(Sing to the tune of B-I-N-G-O)

**When I need to do research,
I have three steps to help me.**

Plan, Do and Review,

Plan, Do and Review,

Plan, Do and Review,

It's called the Super3™.





Step 1a: PLAN

Brainstorm all the insects you can think of!

Step 1b: PLAN

**NOW CIRCLE THE INSECT YOU WILL
STUDY**

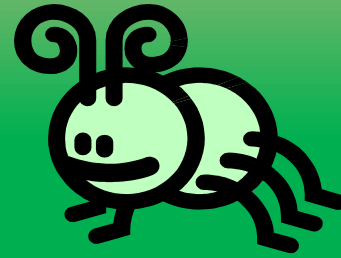
**Write a research question about
your insect. What do you wonder
about it? Next slide, please:**

SAMPLE INQUIRY QUESTIONS ABOUT INSECTS

PLAN

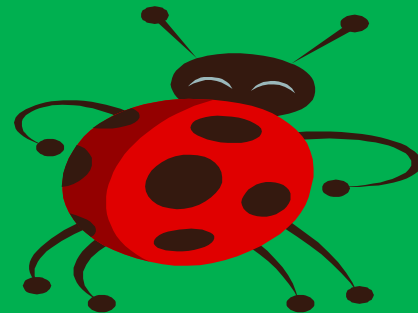
- a. Do insects always have the same parts that mine has?
- b. My insect has an exoskeleton. How does it grow if it has a hard shell on?
- c. How does my insect eat? What does it eat? Where is its food source?
- d. What is the predator of my insect? Where is my bug in the food chain?
- e. Why does my insect have wings when they hardly fly?
- f. Is my insect helpful or harmful to flower and food plants?
- g. What other insects are like mine? How are they alike and different?
- h. What plants are part of my insect's habitats? Where on the plant do they live (roots, flower, leaves)?
- i. What does my insect get from plants (air, water, food, and space)?
- j. How does my insect drink water?
- k. What are my insect's different food or shelter needs during different stages of its life cycle?
- l. What would happen if an adult of my insect tried to live inside the same place its larva does?
- m. Do all insects have exactly the same life cycle as mine?

Insects!

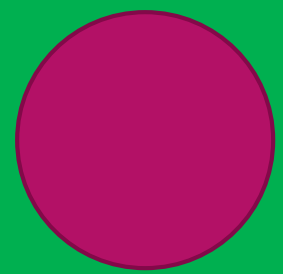
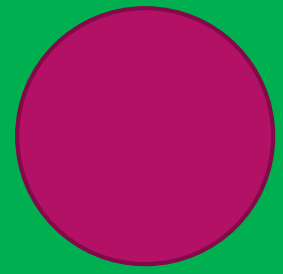
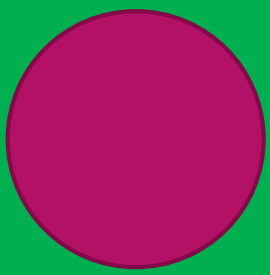
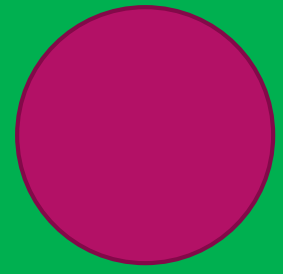
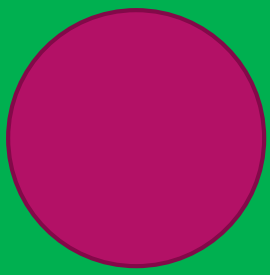
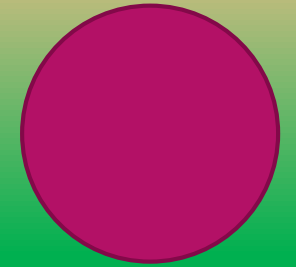


Bugs!

Critters!



What do you know about INSECTS?



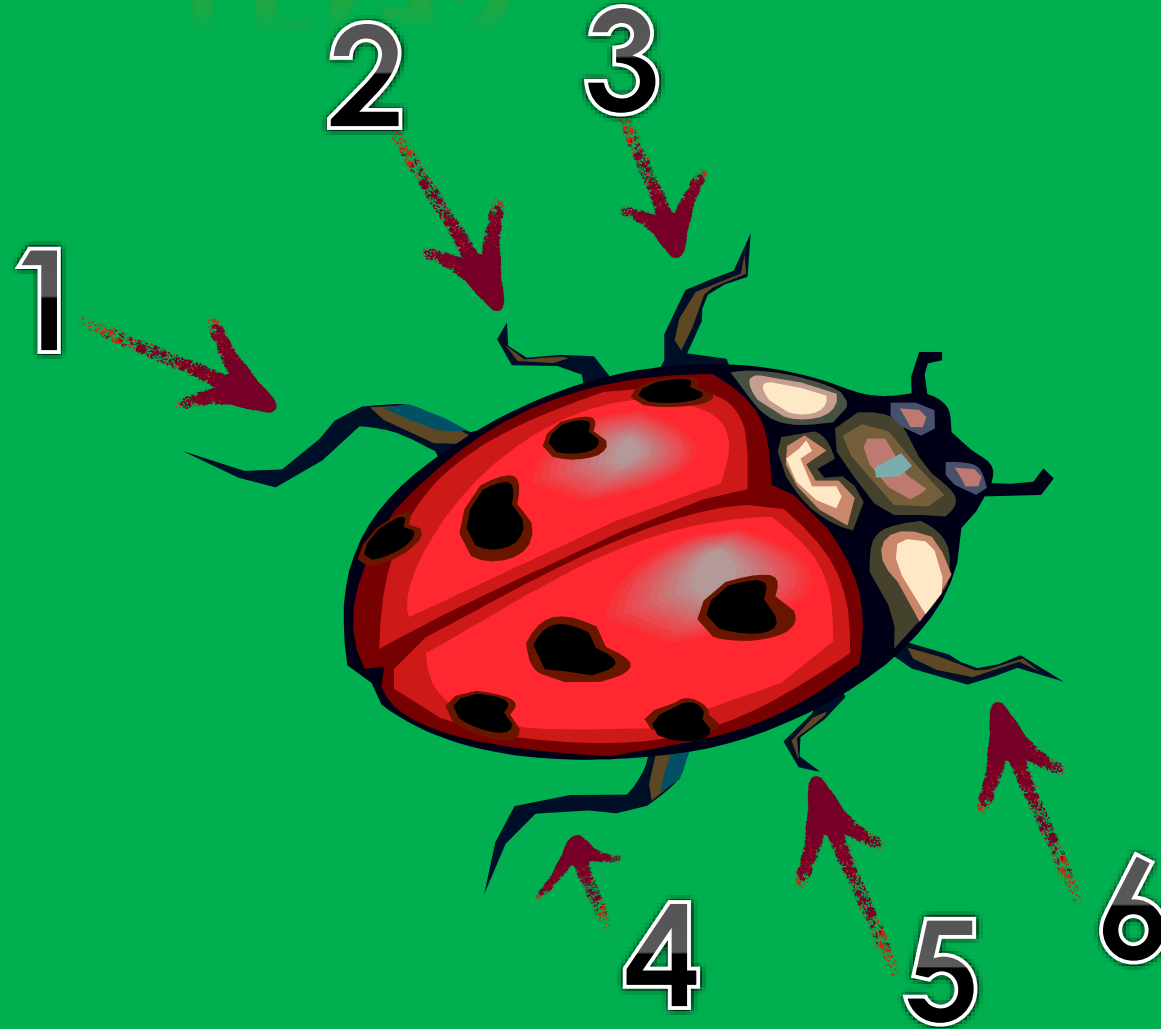
Did you know that INSECTS
have 3 BODY PARTS





All INSECTS have a
pair of _____!

Did you know that all INSECTS
have 6 **LEGS** ?



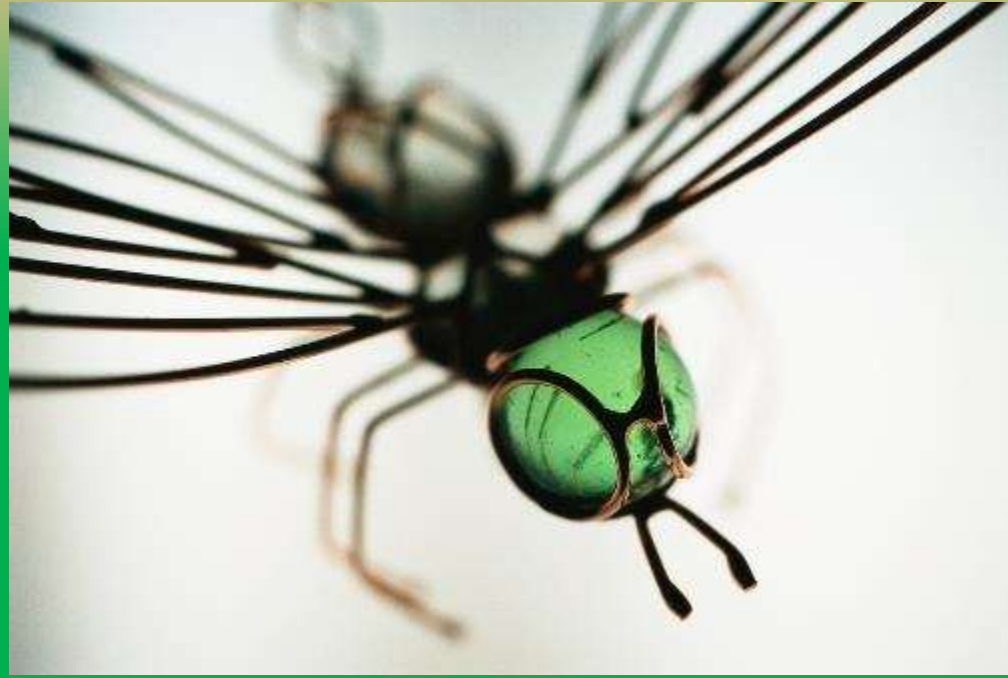
Some INSECTS...

HAVE
WINGS & CAN FLY!



DO NOT HAVE
WINGS & WALK or

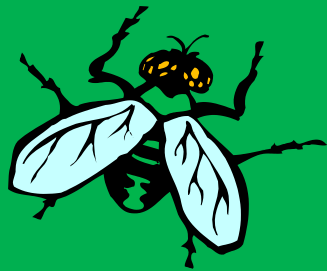




INSECTS USUALLY HAVE TWO

very large

EYES!



**INSECTS have tough,
waterproof skin!**



What do INSECTS eat?



plants



animal
blood



seeds



fruit



nectar



other
bugs



paper

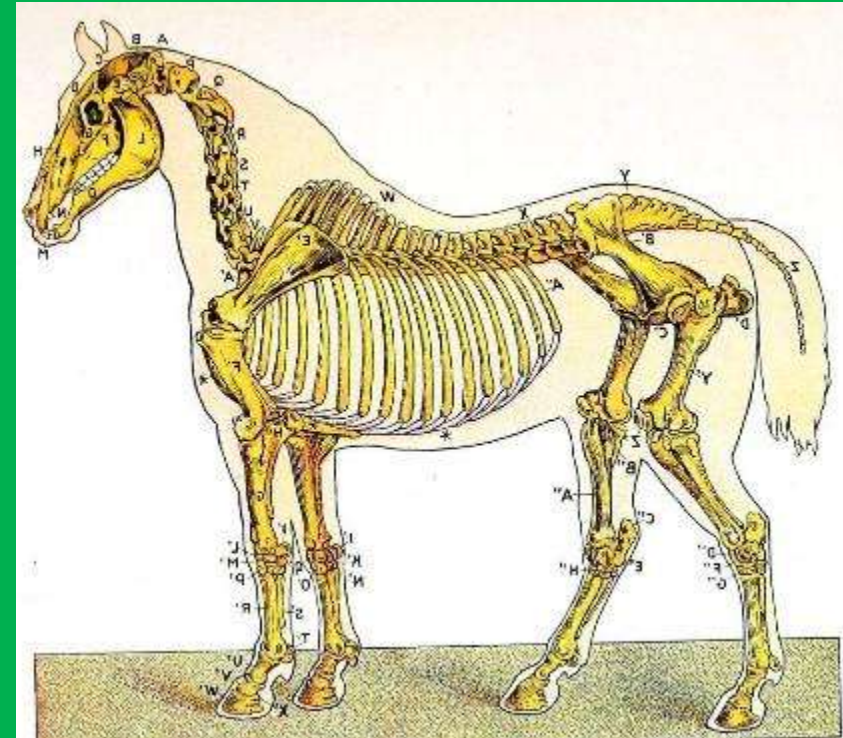
Did you know that an insect's skeleton is on the outside of its body?



It's called an **EXOSKELETON** and this makes it hard for insects to grow.

- **EXO** for outside
- **SKELETON** for hard bony structure

Do humans have an exoskeleton?



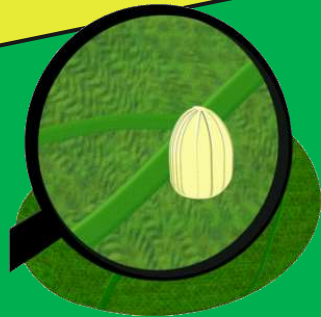
What is the largest insect on Earth?

Giant Weta
Bug

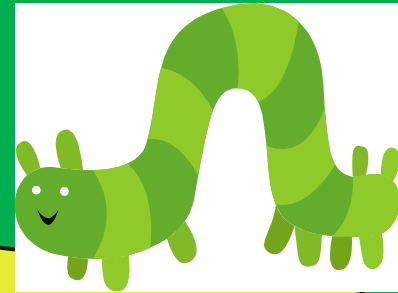


What do we call this?

start as an egg



caterpillar stage



butterfly stage

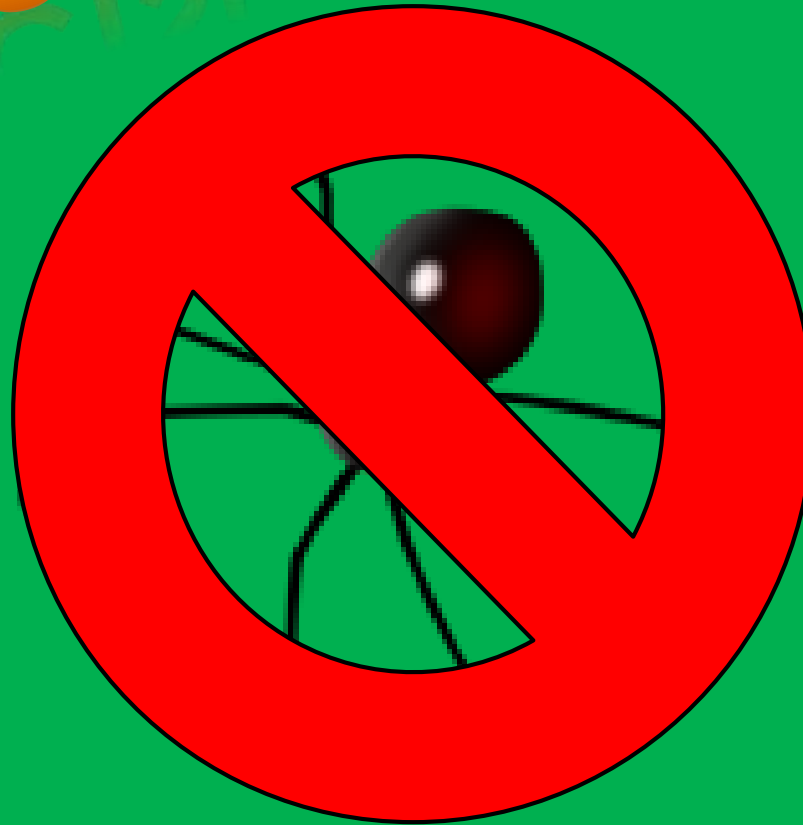


chrysalis stage



Are Spiders Insects too?

NOT INSECTS!



WHAT SHALL WE MAKE TO DISPLAY OUR INSECT LEARNING?

Ideas:

Padlet

Podcast

Book

Movie

Poster

Flip book

Brochure - Foldable

More ideas?



PLAN & DO

DO

We Have This Page
Ready to
Record (write)

Our
Data (facts
and information)

Insect Investigation!

RESEARCH -- STANDARD 3: FIND IT! I CAN USE DIGITAL TOOLS TO FIND, JUDGE, AND USE INFORMATION

Name: Write here Homeroom: Write here

Insect Name

interesting facts

Write here

1 Write here

What it looks like

2 Write here

Draw and
color here

3 Write here

Life Cycle

Draw and
color here

DO

I've made a page full of fact sites for you to use along with our student search engines

padlet.com/missShanks/insects

www.kiddle.co

gogooligans.com

mymunka.com

sweetsearch.com

kidrex.org

kidinfo.com

kidoz.net

kidsclick.org

kidzsearch.com