



Activity for Kindergarten Insects or Arachnids?



- Great activity for animal unit
- as extension if you do spiders around Halloween
- informational writing 1st and 4th quarter

Made by Debi Goodman Shallowford Falls Elem. Deborah.Goodman@cobbk12.org

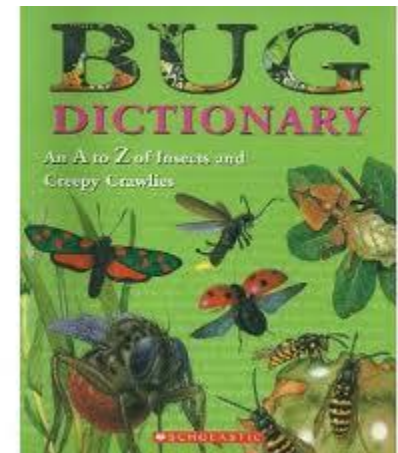
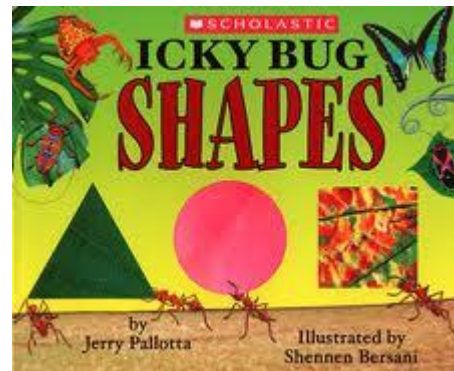
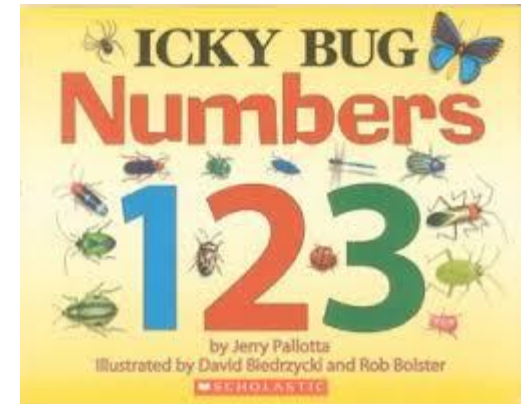
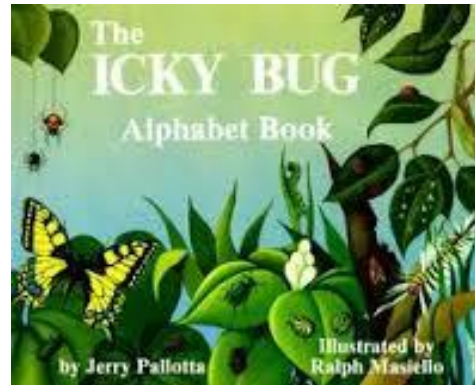
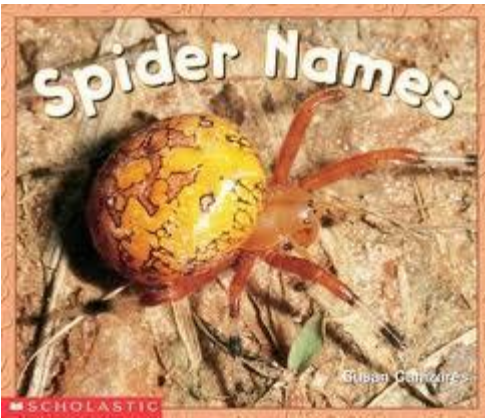
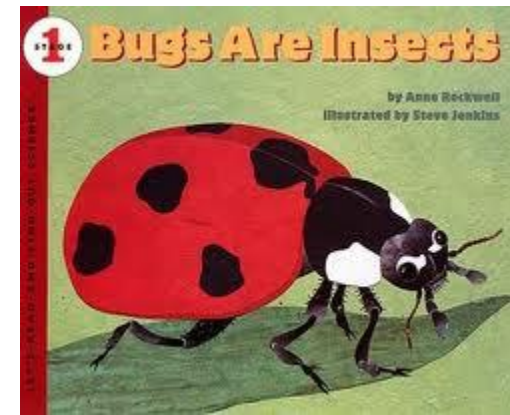
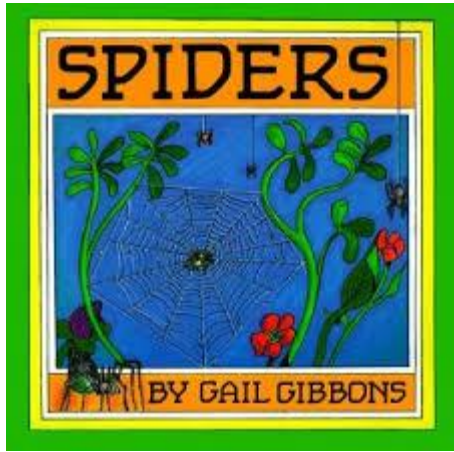
<http://shallowfordfalls.typepad.com/dgoodman/> my blog

<http://shallowfordfalls.typepad.com/kstem/> kindergarten STEM blog

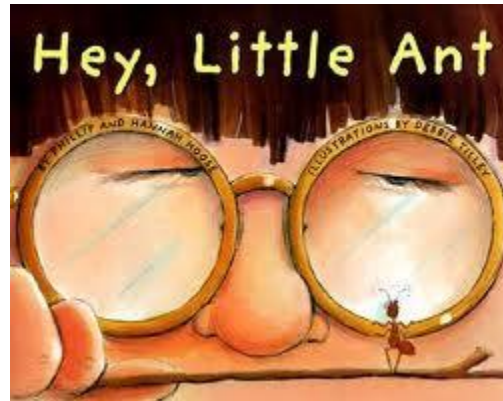
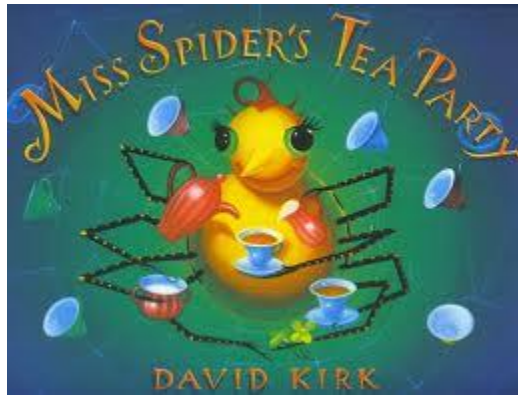
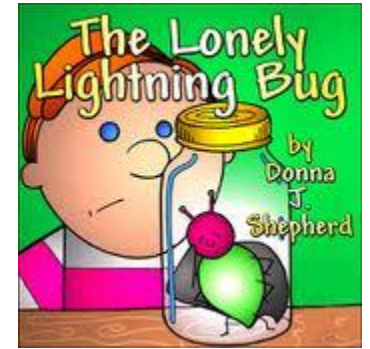
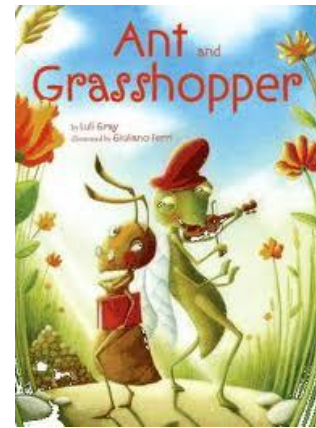
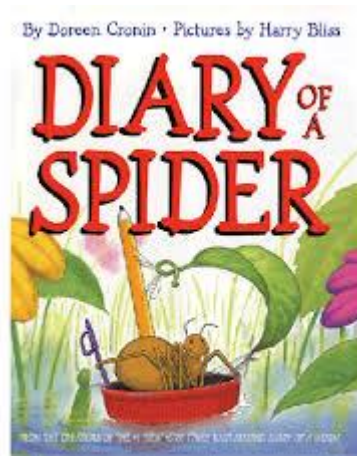
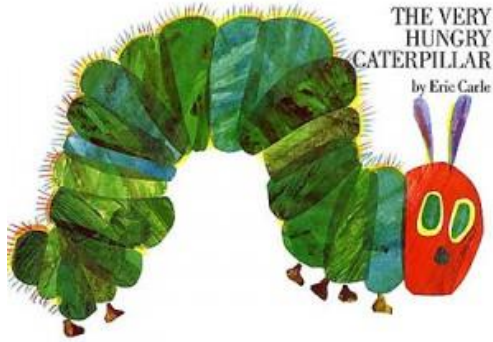
1. Research using books, pebblego and united streaming and other videos
2. Sorting activity with small groups-reflect in whole group after activity
3. Have students plan and build an insect and then an arachnid-2 build days
4. Draw what he/she created on sheets
5. Share creations with partners and collaborate if they met the rubrics for each
6. Nature Hunt—can copy as many pages as necessary—I would do back and front. Take a digital camera to document the hunt—may be able to make a slide show with kids. Reflect on findings in classroom
7. Next day begin data sheets as a whole group-teacher will put each child's name on the easel with 2 columns—insects and spiders—students will fill in next to their name how many they recorded on their nature hunt.
8. Fill in tens frames
9. Fill in hundreds chart
10. Discuss findings
11. Reflection sheet-this can be done with partners orally or written-depending on the time of the year



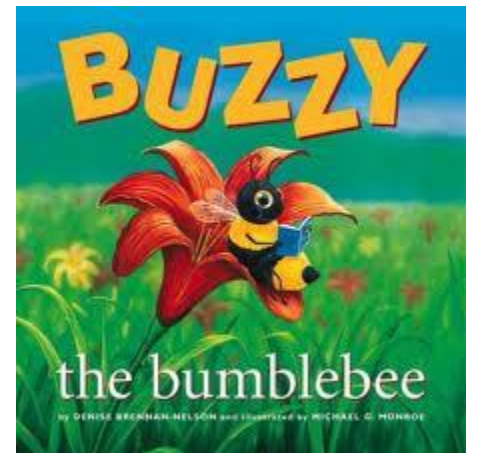
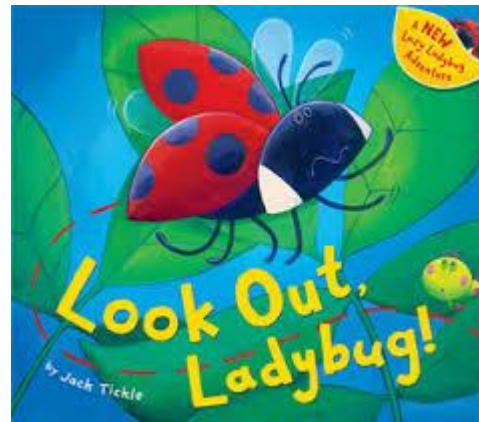
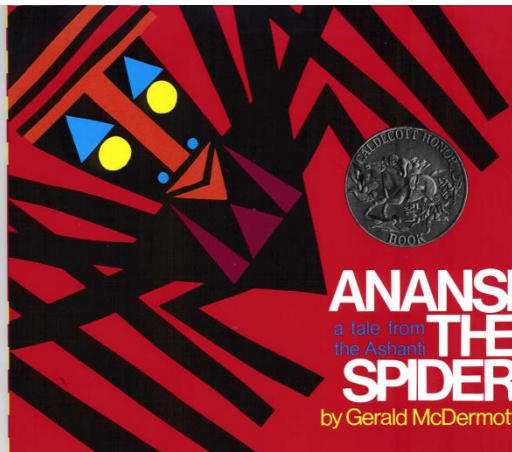
Include Children's Books—Informational/Non-fiction



Include Children's Books—Fantasy/Fiction



The Grouchy Ladybug
Eric Carle



Materials Needed:

-assortment of plastic insects and arachnids



-chart for children to refer to as they sort

Insects	Arachnids
<ul style="list-style-type: none">• 3 body parts• 6 legs• antennae	<ul style="list-style-type: none">• 2 body parts• 8 legs• No antennae or wings

-sorting sheets

Arachnids	Insects

-have children sort in a small group—giving their reasons why, telling what the name of it is, where it might live, if they have ever seen one, etc.

Insects

- 3 body parts 
- 6 legs 
- antennae 


Arachnids

- 2 body parts 
- 8 legs 
- No antennae or wings 

Arachnids

Insects

Name: _____

STEM Activity: Insects and Arachnids

Design A New Insect and/or Arachnid



- use a variety of materials—pipe cleaners, paper, clay, recyclables
- I would do 2 building days—one for an insect and one for the arachnids
- let children explore and create only parameters would be the rubrics on the bottom of each page
- use sheets provided for students to draw a picture of what they created to share with partners

Name: _____

STEM Activity: Insects and Arachnids



Design A New Insect

Its name is _____.

It lives in the
_____.

It _____ fly.
can cannot



I see 3 body parts.



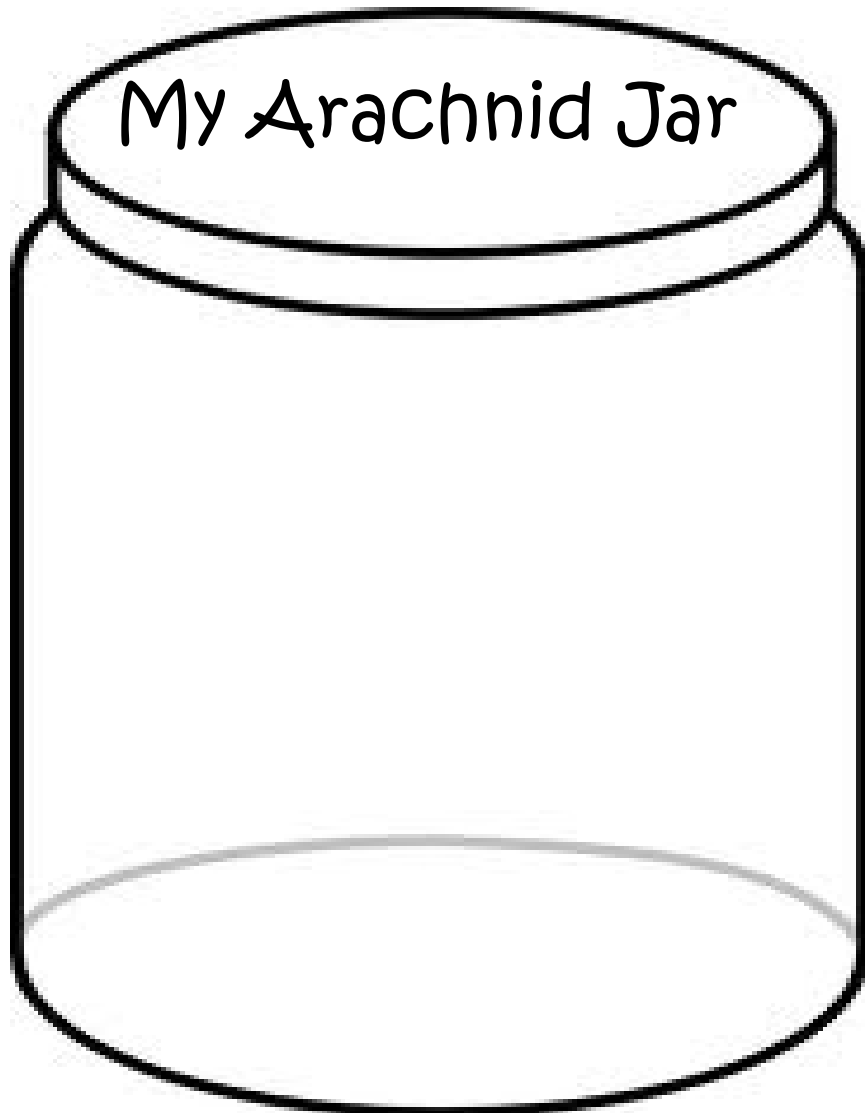
I see 6 legs.



I see antennae.

Name: _____

STEM Activity: Insects and Arachnids



Design A New Arachnid

Its name is _____.

It lives in the
_____.

It _____ fly.
 can cannot



I see 2 body parts.



I see 8 legs.



I see 0 antennae.

Technology



I found mine at School Box



Other technology ideas:

- KidPix—draw your designs
- use digital camera to take pics of what they find



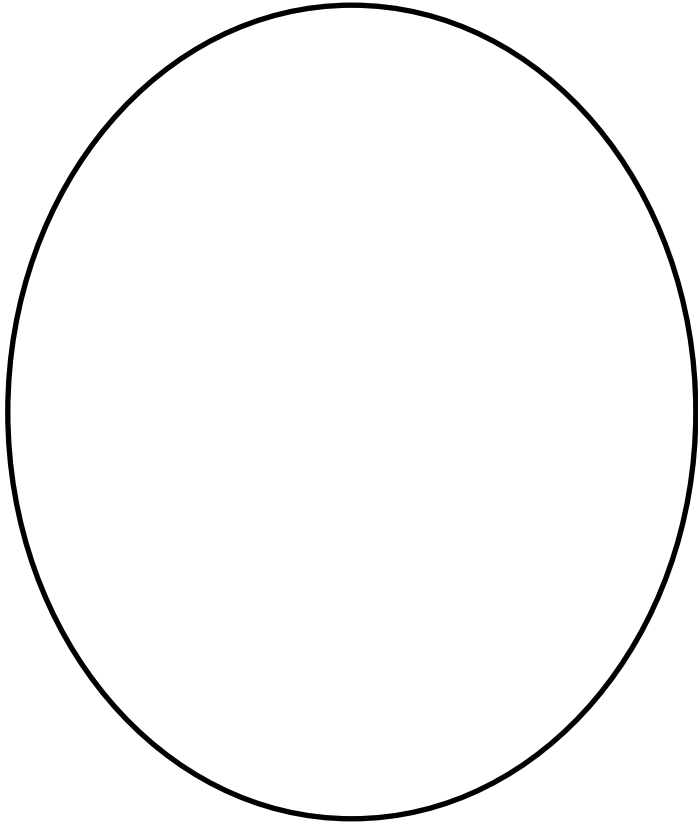
Please remind children:

- not to touch the insects or arachnids—just to observe. Some may bite or pinch.
- leave all insects and bugs outside when you do your nature walk—they need their own habitat to live.
- Encourage authentic colors of insects and arachnids they find

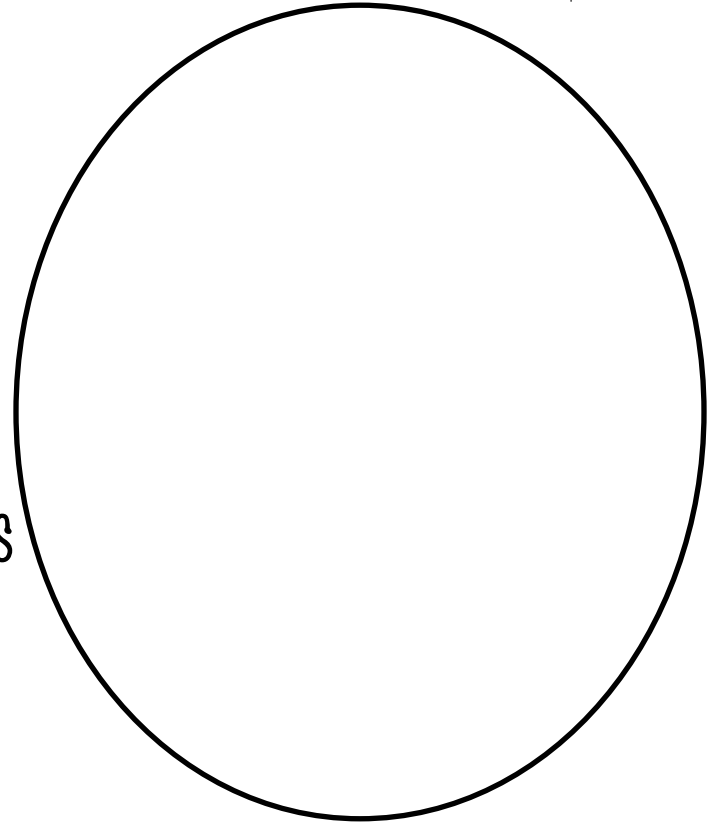
Name: _____

STEM Activity--Nature Hunt

- Bring:
- magnifying glass
 - bug viewer
 - clip board
 - crayons
 - pencil



My Observations



Insect or Arachnid(circle one)

Insect or Arachnid(circle one)

It has _____ legs.
It has _____ body parts.
It is called a

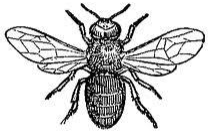
It has _____ legs.
It has _____ body parts.
It is called a

_____.

_____.

STEM Math Activity--Our Class Nature Hunt Data

Insects



We saw

insects.



Arachnids



We saw

arachnids.



Our class saw _____ insects and _____ arachnids.
That makes a total of _____.

 Color in that many spaces on your hundreds chart.

Hundreds Chart

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

Name: _____

STEM Reflection Sheet--Insects and Arachnids



I learned _____

I still wonder _____

Next time I want to _____
