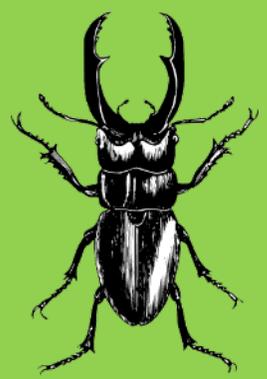
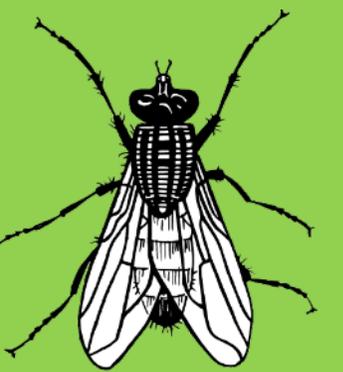
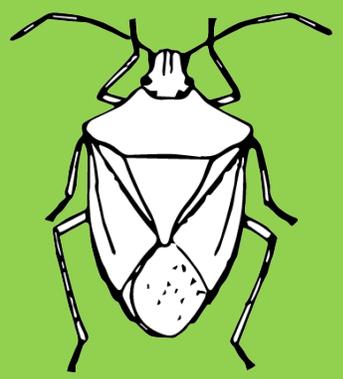




Welcome to
Inspired by Insects!
Session 3 – Insect Investigations



Using insect hotels to help us investigate insects



Here are some investigation questions you could answer using insect hotels:

1. Do different insects prefer insect hotels with grass or leaves?

2. Do we find more insects in long grass or short grass?

3. Which order of insects is the most commonly found in insect hotels in our wildlife area?



What would
you like to
find out?

Our Investigation

Our question

What do you want to find out?

Names:

What do you think you will find out?

(Make a prediction.)

Doing our investigation

What will you do?

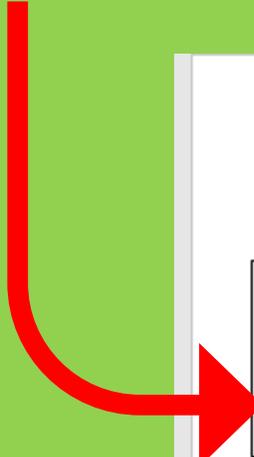
Our conclusion

What *did* you find out?

What will you need to keep the same?

What will you observe or measure?

Add your question to your planning sheet.



<h2>Our Investigation</h2>		Names:
Our question What do you want to find out?		What do you think you will find out? (Make a prediction.)
Doing our investigation What will you do?		Our conclusion What <i>did</i> you find out?
What will you need to keep the same?	What will you observe or measure?	

You can find more about the Hope for the Future Project on our website: oumnh.ox.ac.uk/hope-future



What is your prediction?



Our Investigation

Our question

What do you want to find out?

Names:

What do you think you will find out?
(Make a prediction.)

Doing our investigation

What will you do?

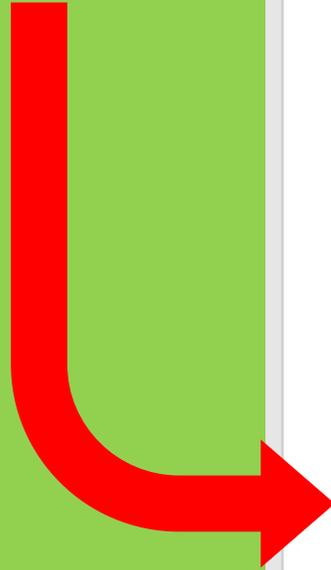
Our conclusion

What *did* you find out?

What will you need to
keep the same?

What will you observe
or measure?

Method: What will you do to answer your question?



Our Investigation

Our question

What do you want to find out?

Names:

What do you think you will find out?
(Make a prediction.)

Doing our investigation

What will you do?

Our conclusion

What *did* you find out?

What will you need to keep the same?

What will you observe or measure?

Do you need to keep anything the same to make it fair?

Our Investigation

Names:

Our question

What do you want to find out?

What do you think you will find out?
(Make a prediction.)

Doing our investigation

What will you do?

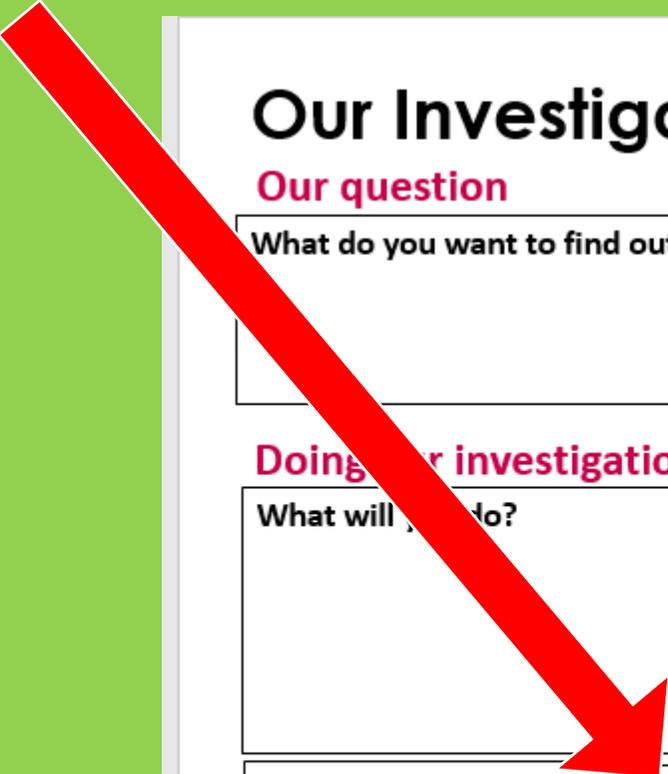
Our conclusion

What *did* you find out?

What will you need to keep the same?

What will you observe or measure?

What will you observe/measure? How will you record this?



<h2>Our Investigation</h2>		Names:
Our question What do you want to find out?		What do you think you will find out? (Make a prediction.)
Doing your investigation What will you do?		Our conclusion What <i>did</i> you find out?
What will you need to keep the same?	What will you observe or measure?	

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Recording Sheet – Investigating Insects

Date: _____ Start time: _____ End time: _____

Weather conditions: _____

Type of Insect	Identifying features	Tally (III)	Total Number of Insects	Extra notes
Beetles (Coleoptera) 	Outer wings form a hard case			
Flies (Diptera) 	Have one pair of thin, transparent wings			
True bugs (Hemiptera) 	Have mouthparts adapted for piercing and sucking			
Bees, Wasps and Ants (Hymenoptera) 	Most have two pairs of thin, transparent wings and a narrow 'waist' between thorax and abdomen			
Butterflies and Moths (Lepidoptera) 	Wings are covered in tiny scales			
Other insects				

How to make an insect hotel

You will need:



A large plastic bottle with the top and the bottom cut off so that it forms a tube.



Natural materials such as sticks, leaves, moss and grass

How to make an insect hotel

What to do:



Begin to fill the tube with layers of natural materials.



Add more layers including sticks to give structure.



Continue until the tube is packed tightly with the materials.



Site your insect hotel according to your investigation question and leave it for at least a week.



Let's set up our investigations!



Send your investigation questions to
the museum.

Email your questions, photos, and findings to
hopelearning@oum.ox.ac.uk



Next week

Find out who is living in our insect hotels and collect the data to answer our questions

