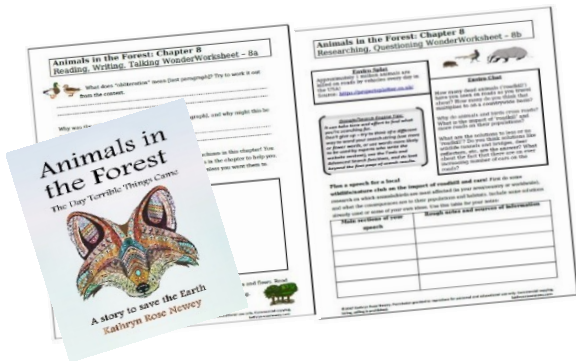


WonderWorksheets

‘b’



English Literacy and
Environmental Topics
Project-Based
Worksheets

The ‘b’ Set of WonderWorksheets:

Project-based Worksheets exploring Environmental Issues, Nature Conservation Topics, English Non-Fiction Writing Activities and SPaG Quizzes.

Themed from the novel ‘*Animals in the Forest: The Day Terrible Things Came*’ by Kathryn Rose Newey

“The book ‘*Animals in the Forest: The Day Terrible Things Came*’ is a wonderful read on its own, but there is also a pack of **WonderWorksheets**... with lots of questions, discussion ideas, writing tasks and discussion topics... These worksheets provide a very interesting and comprehensive set of exercises covering a wide range of activities including researching and designing your own non-fiction booklet about crows, drawing an impression of a worm’s-eye view of the animals’ discussion, writing stories from a given first line, and many more.

“The worksheets are the most interesting and varied I have come across to date and show that the author has put a lot of thought and detail into each one.”

Review by Education Otherwise – Newsletter Spring 2018 (June 2018)

WonderWorksheets are designed around the nine chapters of the environmental fiction novel, [*Animals in the Forest: The Day Terrible Things Came*](#) by Kathryn Rose Newey.

There are nine chapters of WonderWorksheets, each made up of two sets of worksheets:

- **The ‘a’ Set** which includes two pages of Reading, Writing & Talking WonderWorksheets per chapter - focusing on vocabulary building, reading inference and comprehension, and story-related fiction writing activities.
- **The ‘b’ Set** which includes two pages of Researching & Questioning WonderWorksheets per chapter - with environmental topics and website links, ideas for debate and further research, project and non-fiction writing activities, and SPaG (Spelling, Punctuation and Grammar) quizzes.

Please leave a review!

Reviews help other parents, teachers, home-schoolers and students. Please write an honest review of these WonderWorksheets at [Tes.com](#) or [KathrynRoseNewey.com](#)

Animals in the Forest: Chapter 1

Researching, Questioning WonderWorksheet - 1b



Design your own non-fiction booklet about crows.



Include at least 5 pages/sections (excluding title, contents and index). Plan your 5 internal pages/sections using this table:

Page / Section	What will it be called?	Information to be included
1		
2		
3		
4		
5		

Do some research for the information you need to include. Don't forget to write down your sources/references.

Make rough notes in the grid below. An example is included for you.

When you're ready, go ahead and produce your booklet!

Google/Search Engine Tips:
Be specific about your search, but not too wordy.
For example, "cancer" is too vague, but "what are all the different causes and cures of cancer" is too long.
Try "cures for cancer" as well as "alternative cures for cancer" to make sure you get balanced research.

Notes	Source
Types of crows - 8 in the UK, more around world	https://www.rspb.org.uk/birds-and-wildlife/bird-and-wildlife-guides/browse-bird-families/crows.aspx

Animals in the Forest: Chapter 1

Researching, Questioning WonderWorksheet - 1b

Notes	Source

Enviro Splat

3.5 billion to 7 billion trees are cut down or destroyed globally every year!

Source:

https://www.ran.org/how_many_trees_are_cut_down_every_year



Enviro Chat

How many new trees are planted every year?

How long does it take trees to grow, to fully replace those cut down?

What happens when humans have removed almost all, or all, the trees on Earth?

Will this ever happen?

Quick Quiz

When crows call, they say "kwark", "wark" or "waah".

What is the name for words which sound like sounds?

.....

Word Zap

Find examples of other 'sound words' - the more unusual, the better:

.....
.....
.....



Animals in the Forest: Chapter 2

Researching, Questioning WonderWorksheet - 2b



Design a table on the similarities and differences between Weasels and Mongooses/Meerkats. Remember that your table will need rows, columns and row/column headings. Unlike a fiction text, you can use bullet points. Decide on your sections/headings, and plan your table's information here:

Section	Weasels	Mongooses/Meerkats
1:		
2:		
3:		
4:		
5:		

Do some research for the information you need to include. Don't forget to write down your sources/references. Make rough notes in the grid below. An example has been started for you. When you're ready, go ahead and produce your table!

Google/Search Engine Tips:
We all love Wikipedia, because it usually appears at the top of a search page, and seems to have everything we need. But did you know that Wikipedia articles can be written by anyone – and it takes time to check their accuracy? Instead use a range of websites, and check/collate the information, to ensure you have accurate research.

Notes	Source
Mongooses:	http://www.animalfactsencyclopedia.com/Mongoose-facts.html
Weasels:	

Animals in the Forest: Chapter 2

Researching, Questioning WonderWorksheet - 2b

Notes	Source

Enviro Splat

The Vaquita, a small porpoise, was only discovered in 1958, and is already critically endangered!

Source:

<https://www.worldwildlife.org/species/vaquita>



Enviro Chat

How many Vaquitas are left in the world?

How could it be possible that scientists didn't discover Vaquitas until 1958?

If we didn't know about them before 1958, does it matter that they might die out soon?

What other species might we not know about, which are already extinct?

Quick Quiz

What does the saying "weasel out of something" mean? And why might the weasel be effective for this saying?

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.....
.....

Word Zap

Find examples of more animal idioms, phrases and expressions.

.....
.....
.....
.....
.....



Animals in the Forest: Chapter 3

Researching, Questioning WonderWorksheet - 3b



Enviro Splat

A huge amount of **plastic** ends up in the oceans - in fact, a rubbish truck full every minute!



Source:

<https://www.greenpeace.org.uk/plastic-end-ocean/>

Imagine you're the head honcho of a large environmental charity organization.

Plan a letter you will write to the leaders of all the countries of the world about plastic pollution clogging up the oceans, and the environmental consequences.

- Remember that formal letters have an introduction (why you're writing), a middle

part with descriptions of and solutions to the problems, and a request for the conclusion.

Enviro Chat

How do you think items like plastic bottles which people drink from or use for household cleaners, end up in the oceans? After all, they don't all get thrown into the oceans!

What do you and your family do with your plastic items when they're empty? Do you think some of these might end up in the oceans?

Does it matter if plastic ends up in the oceans? Why?

How could we ensure that less plastic ends up as rubbish on land or in the oceans?

Part of letter	Roughly what you'll say
1:	
2:	
3:	
4:	
5:	



Do some research on the information you'll include.

Don't forget to write down your sources/references (space overleaf). When you're ready, write your letter!

Google/Search Engine Tips:

Did you know?

Google and other search engines don't mind whether you use capitals or no capital letters. (Unlike your teachers!)

For example, Cambridge or cambridge or CAMBRIDGE will get the same search results.

Animals in the Forest: Chapter 3

Researching, Questioning WonderWorksheet - 3b

Reasons why plastic ends up in oceans

Effect of these issues and how to fix



Quick Quiz

One deer, but many deer. Not deers! My dears!

Sometimes plurals behave differently to the norm. What are the plurals for these animals?

- Owl
- Weasel
- Goose
- Cow
- Fish
- Mouse
- Badger
- Sheep

Word Zap

One owl, but a parliament of owls. Find other examples of interesting collective nouns.

.....

.....

.....

.....

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Animals in the Forest: Chapter 4

Researching, Questioning WonderWorksheet - 4b

Enviro Splat

At least 40% of all the food we eat contains pesticides...and 1,000 people die every day in the world due to pesticide poisoning!

Source: <http://www.pan-uk.org/key-issues/>

Write a website or blog article about pesticides and herbicides.

Plan your article first. Include both sides of the argument, and a conclusion of your own.

- Remember that articles have engaging titles, pictures or photos, and can use rhetorical questions, personal address, statistics and quotes to attract, inform or entertain your readers.



Enviro Chat

Why is it that a few decades ago, we didn't use pesticides/herbicides as much as we do nowadays? And how is it possible that plants flourished for millions of years without human interference?

What are all the reasons that pesticides and herbicides are dangerous? Think about all life and environments that may be affected.

How could we change views and have our food grown without pesticides or herbicides?

Part of article	Roughly what you'll include
1:	
2:	
3:	
4:	
5:	
6:	

Do some research on the information you'll include. Don't forget to write down your sources/references (space overleaf). When you're ready, write your article!

Google/Search Engine Tips:

Be careful to search wisely.

Google and other search engines are media companies, so will often place 'official' websites and corporate views on the first page of search results.

Think about different words you can use in searches to find buried, alternative and sometimes more accurate information.

Animals in the Forest: Chapter 4

Researching, Questioning WonderWorksheet - 4b



Notes on pesticides or herbicides

Sources of information

Blank space for notes on pesticides or herbicides.

Blank space for sources of information.

Quick Quiz

What might the antonyms (opposites) be for these words? There might be more than one answer for each!

- Edge >
- Midday >
- Daylight >
- Movement >
- Tired >
- Flustered >
- Deep >

Word Zap

Use some of those words (in Quick Quiz) to make your own interesting sentences. Use clauses.

.....
.....
.....
.....
.....

Animals in the Forest: Chapter 5

Researching, Questioning WonderWorksheet - 5b

Enviro Splat

Bees and other pollinating insects are needed to pollinate around a third or more of the world's crops. But bees and pollinators are declining, probably poisoned by a common pesticide - neonicotinoids.

Source: <http://pollinator.org/list-of-pollinated-food> and <https://www.foe.co.uk/bee-count/bees-and-neonicotinoids-problem>



Enviro Chat

What are 'pests' and why do we regard some insects/animals as pests and others not?

Although we aren't completely dependent on bees and pollinators for all our food, what will happen when there aren't any pollinators left?

How might this change what humans grow and eat?

There is already widespread human starvation across the planet - how can we address this when we are unable to grow certain foods?

Produce a leaflet on alternative and natural methods of pest control for gardeners. Plan your leaflet first.

Remember to say why there is a problem, and how to solve it.

- Use headings and sub-headings, bullet points and pictures/diagrams to help your reader access the information. Try to sound positive and inspirational, so that gardeners are motivated to stop using pesticides and to try natural methods of pest control.

Heading / section	Roughly what you'll include
1:	
2:	
3:	
4:	
5:	
6:	



Google/Search Engine Tips:



Check your search results carefully, because something other than what you are searching for may appear in search results, depending on what you specify. For example, searching for 'pest control' lists companies who get rid of rats and wasps, while 'natural pest control' lists actions gardeners can take without using pesticides!

Animals in the Forest: Chapter 5

Researching, Questioning WonderWorksheet - 5b

Do some research on the information you'll include. Don't forget to write down your sources/references (space below). When you're ready, create your leaflet!

 <p><u>Notes on pesticides and natural alternatives</u></p> 	<p><u>Sources of information</u></p> 
--	--

Quick Quiz

What are the different uses for 'single' and "double" speech marks / inverted commas?

.....

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Word Zap

What's your least favourite punctuation mark?.....

Now write an interesting sentence, using that punctuation mark at least once!

.....

.....

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.....

Animals in the Forest: Chapter 6

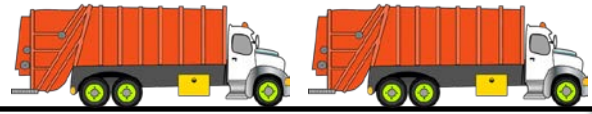
Researching, Questioning WonderWorksheet - 6b

Enviro Splat

Almost half of the waste generated by mining, construction and manufacturing processes as well as households in the EU-28 countries ended up in landfill sites in 2014.

Source:

http://ec.europa.eu/eurostat/statistics-explained/index.php/Waste_statistics



Enviro Chat

How do we define what is 'waste' in the first place? What are 'landfill sites' and how much of all waste worldwide ends up in these?

What might be some problems associated with landfill sites (eg. location, wildlife, smells, etc)?

How might humans be convinced to recycle more of their waste?

What does 'throwaway society' mean, and why do we end up with lots of waste in the first place? What are some alternative ways of doing or making things that will reduce waste overall?

Google/Search Engine Tips:

Once you've searched for something in Google, you can fine-tune your search by clicking on 'Tools' under the Google search bar, and choosing specific dates, locations or words. You can also filter your search results by clicking on Images, Videos or More (to choose Shopping, Books, etc).



Produce a poster on litter and waste, and the benefits of reducing, reusing and recycling waste for everyone. Plan your poster first. Use

the table below.

Topics to be included	Roughly what you'll say under each topic
What is litter? What is waste?	

Animals in the Forest: Chapter 6

Researching, Questioning WonderWorksheet - 6b



Do some research on the information you'll include. Don't forget to write down your sources/references (space below). **When you're ready, create your poster!** Remember to use simple, easy-to-read points and make it colourful. Try to inspire people to take some positive actions in the 'war against waste'.

Notes on litter, waste, reducing, reusing and recycling

Sources of information



Quick Quiz

Which of these words/phrases are abstract nouns? (tick)

- Waste
- Reduction
- Litter
- Recycling
- Landfill
- Rubbish truck
- Reuse
- Society
- Danger
- Bin
- War

Word Zap

Find as many words as you can which mean the same as 'waste':

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Animals in the Forest: Chapter 7

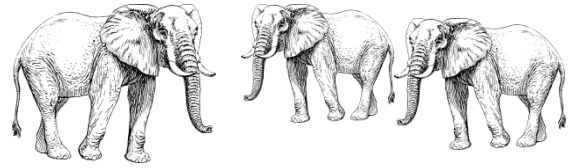
Researching, Questioning WonderWorksheet - 7b

Enviro Splat

The Great Elephant Census (a count of all elephants across Africa) shows a decline of almost a third in seven years! An elephant is killed by poachers every 15 minutes of every day!

Source:

<http://www.greatelephantcensus.com/>



Enviro Chat

If elephants don't really have a 'use' for humans, why does it matter if they become extinct? How and why are elephant populations declining?

What are all the issues you can think of around reduced habitats for elephants who then move into areas where people live, looking for food?

What is the 'ivory' trade? What is poaching? How do we get ivory? Do you think we should be trading ivory in the 21st century? How can we stop?

Google/Search Engine Tips:

When searching for something specific in a smaller geographic area, either specify the area in your search string eg. common invertebrates hertfordshire; or click on Settings under the search bar in Google, then Advanced Search, to fine tune your search to a smaller geographic location (you can use the 'Any of these Words' section).

Conduct your own wildlife census! First do some research on which small animals / 'minibeasts' (invertebrates, small mammals and birds) are common in your part of your country. Use this table for your research notes:

Types of small animals	Rough notes and sources of information

Animals in the Forest: Chapter 7

Researching, Questioning WonderWorksheet - 7b

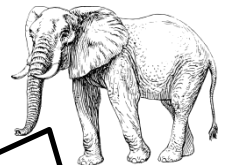
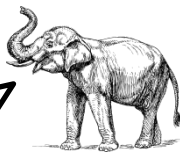


Now go to your garden or a nearby park/forest and do your census count.

Remember to have prepared a sheet beforehand to help you do a tally count, and to make any notes/drawings, especially of anything interesting/unusual.

When you're ready, write a report of your census! Remember reports are formal documents. Use third person and present tense, and headings for each section. You can include graphs, charts and bullet points for easier reading. Use the table below to plan your report. You can add more sections if you need.

Introduction (describe what is this report about)	
How was the research conducted? (describe where, when, methods of collecting data)	
Results (describe what you found - break down by types of animals or habitats, and use paragraphs, bullets, graphs, charts, drawings)	
Conclusion (summarise key points)	



Quick Quiz

Define first person,
second person and third
person narrative:

.....

.....

.....

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.....

.....

.....

Word Zap

Write a sentence using each type:

.....

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Animals in the Forest: Chapter 8

Researching, Questioning WonderWorksheet - 8b

Enviro Splat

Approximately 1 million animals are killed on roads by vehicles every day in the USA!

Source: <https://projectsplatter.co.uk/>



Enviro Chat

How many dead animals ('roadkill') have you seen on roads as you travel about? How many do you think that multiplies to on a countrywide basis?

Why do animals and birds cross roads? What is the impact of 'roadkill' and more roads on their populations?

What are the solutions to less or no 'roadkill'? Do you think solutions like wildlife tunnels and bridges, deer reflectors, etc, are the answer? What about the fact that there are an ever increasing number of cars on the roads?

Google/Search Engine Tips:

It can take time and effort to find what you're searching for.

Don't give up – try to think of a different way to word your search string (use more or fewer words, or use words more likely to be used by experts who write the website content), use the Tools and Advanced Search functions, and do look beyond the first page of search results.

Plan a speech for a local

wildlife/nature club on the impact of roadkill and cars! First do some

research on which animals/birds are most affected (in your area/country or worldwide), and what the consequences are to their populations and habitats. Include some solutions already used or some of your own ideas. Use this table for your notes:

Main sections of your speech	Rough notes and sources of information

Animals in the Forest: Chapter 8

Researching, Questioning WonderWorksheet - 8b

Now plan and then write your whole speech. Remember that speeches need to have a structure, just like any piece of writing. They need an introduction, middle part with details, and a suitable conclusion. You can use rhetorical questions, emotive language, personal address and anecdotes to make it more attention-grabbing and interesting for your audience. Use this box to plan:

Introduction

Middle parts in sections - the problems

Middle parts in sections - possible solutions

Conclusion



Quick Quiz

Complete this list of contractions using apostrophes:

Cannot = Can't

Do not =

..... = I'll

You will =

..... = Aren't

..... = Won't

She had =

He would =

Word Zap

There are two main situations when you use apostrophes in English. One is for contractions, the other is for

.....

Write sentences using both types:

.....

.....

.....

Animals in the Forest: Chapter 9

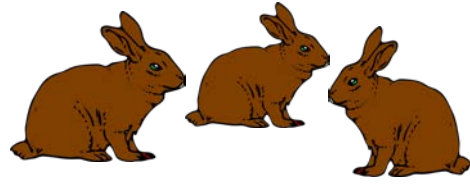
Researching, Questioning WonderWorksheet - 9b

Enviro Splat

The devastating and often fatal disease in rabbits, Myxomatosis, was deliberately introduced by humans to reduce wild rabbit populations.

Source:

<https://en.wikipedia.org/wiki/Myxomatosis>



Enviro Chat

What are the symptoms of this disease in rabbits? How many die when infected and how long do they take to die?

Do you agree that humans should use viruses as control mechanisms to kill off a population of animals? What about Myxomatosis, which is particularly cruel in its symptoms?

What's the difference between an indigenous and alien/introduced species? Why might an introduced species, like the rabbit in Australia, be a problem to the existing wildlife and ecosystems?

Google/Search Engine Tips:

Wikipedia can be used as a source of information in certain cases only.

To evaluate whether you can trust and use a website's content, consider:

Who / which organization has written it, and why?

Are they experts in the field?

Is the text's grammar and spelling correct?

Did they use good sources / references, and are these listed for further reference?

Plan a presentation on the story's main environmental themes. Perhaps also do some research on the main environmental issues implied/suggested in the book and solutions to these problems. Use this table for your research notes (one issue has been started for you):

Main environmental themes	Rough notes and sources of information
Loss of wildlife habitats due to housing/building developments	

Animals in the Forest: Chapter 9

Researching, Questioning WonderWorksheet - 9b

Now plan and then create your slide presentation (in Microsoft Powerpoint or similar). As with any text/speech, your presentation slides should be in a specific and logical order, and your audience should be considered. You can use this suggested structure, or plan your own slide presentation:

Introduction:

Environmental theme 1: what?

Where in story / which characters?

Some facts about this environmental issue:

Some solutions for this environmental issue:

Environmental theme 2: what?

Where in story / which characters?

Some facts about this environmental issue:

Some solutions for this environmental issue:

Environmental theme 3: what?

Where in story / which characters?

Some facts about this environmental issue:

Some solutions for this environmental issue:

Conclusion:

Quick Quiz

How many syllables do each of these words contain?

Remember:

Acquaintances:

Annihilation:

Bombarded:

Meandering:

Pristine:

Whatchamacallits:



Word Zap

Write some sentences with most words containing 3+ syllables:

.....
.....
.....
.....
.....