NoodleTools
Helps you stay organized
Taking notes
What is NoodleTools?

Gather, organize, think, create

- Begin a working bibliography
- Copy-and-paste relevant quotes onto notecards
- Paraphrase the author’s words
- Analyze, question and add your own ideas
- Tag and pile your notes – what emerges?
- Create an outline, add piles – reorder and experiment!
- Create [essay, speech, product...] with a bibliography
Your work is organized into projects.

Open an existing project ...or start a new one.
Manage your project from the Dashboard

Project: Frog Decline

Research Question: What is the impact of our environment on the frog population?

Thesis Statement: [Click To Edit]

History: Project Created: 05/24/12 08:22 PM | Updated: 07/08/12 10:13 AM | 30-day log of work done on this project

Sharing:
- Drop Box
- Bibliography
- Notecards/Outline
- Paper

Links:
- Amphibian Monitoring Project
- Share project with another drop box
- Share paper with these drop boxes

Student Collaboration:
- Add/remove students

Components

- Works Cited: MLA Advanced 25 entries
- Notecards & Outline: 23 notecards
- Paper: Open in Google Docs

To Do List

<table>
<thead>
<tr>
<th>To Do Items</th>
<th>Due Date</th>
<th>Completed (CST)</th>
<th>Add to-do item</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 notecards due</td>
<td>10/12/12</td>
<td>Not completed.</td>
<td></td>
</tr>
<tr>
<td>Contact Northern California Herpetological Society (NCHS) Linda Boyce</td>
<td>10/15/12</td>
<td>Not completed.</td>
<td></td>
</tr>
<tr>
<td>Get supplies with Greg &amp; Marla</td>
<td>10/20/12</td>
<td>Not completed.</td>
<td></td>
</tr>
</tbody>
</table>

Comments

The following people have commented on your project:

- **Debbie**
  - Notecard comment (Debbie)
    - How could you find out if color is "fate" for frogs? [View comment in context]
    - 07/05/12 10:16 AM

- **Debbie**
  - Notecard comment (Debbie)
    - The Bd fungus dies at temperature above 27-28 degrees Celsius - perhaps investigate species that live best in warm climates? [View comment in context]
    - 07/07/12 05:33 PM

- **Debbie**
  - Notecard comment (Debbie)
    - Why is it important to isolate the origin of Bd? [View comment in context]
    - 07/07/12 05:27 PM

- **Debbie**
  - Notecard comment (Debbie)
    - 07/07/12 05:24 PM

Show completed to do items
Find “big picture” info here:
- Research question
- Assignments
- Group members

Components
- Works Cited
- MLA Advanced
- 25 entries
- Notecards & Outline
- 23 notecards
- Paper
- Open in Google Docs

To Do List
- 5 notecards due
- Contact Northern California Herpetological Society (NCHS) Linda Boyce <crotalusoreganus1@gmail.com>
- Get supplies with Greg & Mafie

Comments
- Notecard comment (Debbie): How could you find out if color is “fate” for frogs?
- Notecard comment (Debbie): The Bd fungus dies at temperature above 27-28 degrees Celsius - perhaps investigate species that live best in warm climates?
- Notecard comment (Debbie): Why is it important to isolate the origin of Bd?
All your work is here including a record of what you’ve done!
You can add reminders to yourself

To Do List

- 5 notecards due
- Contact Northern California Herpetological Society (NCHS) Linda Boyce <crtaiusorpanus1@gmail.com>
- Get supplies with Greg & Marla

Completed (CST): Not completed.
Read feedback ... then revise in an organized way
See feedback right on your notecard.
Go to the tabletop to see all your notecards
Check the bird’s eye view for out-of-sight notecards
A notecard is an organizer for ideas

Copy and paste here

• Capture the author’s words and images
• Get quotes and attribution right
• Mark up the quote
Paraphrase or summarize

- Explain it to yourself
- In words you understand
- Look back at the quote – got it all?
“My Ideas” is for questions, brainstorming…

Original thinking here

- What do you wonder?
- How does this fit with what you know?
- What can you follow up on?
You’ll get quotes and attribution right!
Then start to mark it up

I used green for ideas about resistance
Some of the mechanisms that could explain species resistance to chytridiomycosis are:

- The presence on the skin of specific types of symbiotic bacteria that discourage the growth of Bd. Specific types, combinations or amounts of antimicrobial peptides might help some species to be more resistant to chytridiomycosis.

- Some amphibian species or populations may have genetic resistance to the development of chytridiomycosis by mechanisms that are not yet understood.

Environmental differences between populations such as temperature, humidity or water flow patterns. For instance, some of the most important amphibian population declines associated with chytridiomycosis have occurred at high elevation locations that have a cool temperature range (c. 25°c or 77°F) that is most optimal for the growth of Bd.

- Differences in virulence between different types or "strains" of the Bd fungus. The term virulence refers to the ability of the fungus to cause disease in amphibians. A type of Bd that is "highly virulent" easily makes amphibians sick, but another type of Bd that has "low virulence" makes fewer animals sick or results in less severe disease.

There is not a single explanation for why an amphibian population succumbs or does not succumb to chytridiomycosis and in most cases multiple factors are probably at work to result in a particular outcome.
Close reading boosts your comprehension
Explain it to yourself

Pull out key ideas in words you understand.
If you have trouble identifying a main idea:
1. Reread the quote to get the “gist.”
2. Is there more than one main idea? If so, just split your quote into two notecards.
Do resistant frogs come from warm climates?
Could at-risk frogs adapt to warmer climates?
How does global warming affect endangered frogs?
Use “My Ideas” in a flexible way.

Do resistant frogs come from warm climates?
Could at-risk frogs adapt to warmer climates?
How does global warming affect endangered frogs?

Check to see if the American Bullfrog comes from a warm climate.
Find the Harris references.
If your note isn’t linked to a source, find it in this list of all your sources.

Do resistant frogs come from warm climates?
Could at-risk frogs adapt to warmer climates?
How does global warming affect endangered frogs?
Check to see if the American Bullfrog comes from a warm climate.
Find the Harris references.
If you can, add a tag now...

Resistant species are the carriers:
- **American Bullfrog**
- **African clawed frog**

What could contribute to resistance?
- skin bacteria
- glands produce "antimicrobial peptides"
- genetic make-up
- warm climate
- different strains of Bd

Do resistant frogs come from warm climates?
Could at-risk frogs adapt to warmer climates?
How does global warming affect endangered frogs?
Check to see if the American Bullfrog comes from a warm climate.

Find the Harris references.
...when you know more it will be easier!

Do resistant frogs come from warm climates?

Could at-risk frogs adapt to warmer climates?

How does global warming affect endangered frogs?

Check to see if the American Bullfrog comes from a warm climate.

Find the Harris references.
Your new notecards are waiting on the tabletop
Add colors and cues to remind yourself what needs to be done and what’s important.
Search tags to highlight related ideas
Create a new pile from your highlighted notecards.
Piles are possible subtopics for an outline
Build your outline on-the-fly…
...or create it before you take notes.
Drag notes and piles into your outline
Watch your outline grow as you add notecards
Organize flexibly and playfully

What notes have similar titles or topics?
• Pile them together
• Add them to your outline

Experiment with the order, be curious!

What if I make new combinations of notes?
• Search by one or more tags to find common ideas among notes
• What other ways can I order my outline?
• Do new grouping suggest new ways to analyze what I know? New ideas? New questions?
Review, reflect, reorder, revise

When you think you’re done, take another look!

• Can I add *more tags* now that I know more?
  – Label details, themes, concepts

• Other ways to order my ideas?
  – Reorder by searching on 2-3 tags at once

• Any loose ends?

• Are there types of sources I missed?
  – Use the button to see the type and range of sources you used
The tomato frog, Dyscophus antongilii, is named for its red-and-back coloring and is highly endangered on its native island of Madagascar. The major causes of its decline are given as deforestation and the world-wide amphibian trade. About 100 are listed in United states zoos.

The demand by zoos and pet owners for colorful frogs is endangering the tomato frog.

1. Interview a pet store owner - I bet this trade in amphibians is illegal.
2. Do a search on “exotic frogs” AND pets to see others that may be endangered
3. deforestation means ??

In Costa Rica the amphibians decline may be due to the reduced quantity of standing leaf litter which is essential part of the micronhabitat within this Rainforest habitat.

Read the full report when it is published:
PNAS | May 15, 2007 | vol. 104 | no. 20 | 8352-8356

Note: BBC article quotes a bit of it: “The increasingly warm and wet conditions of the past two decades could negatively influence standing litter mass by affecting rates of litterfall or litter decomposition,” the authors wrote.
http://news.bbc.co.uk/2/hi/science/nature/6664329.stm
It's easy to add more sources if you need to!
You can create a portfolio over time…

…and your work can never get lost!
Use your “noodle”!

Stay organized, feel successful

- Access your work from home and school
- Safeguard against accidental plagiarism
- Spend your time thinking and creating (not on commas)
- Get curious, feel creative…have fun!
“Noodle” time…start thinking!

Questions?

For more teaching ideas:
support [at] noodletools [dot] com