



DATA DRIVEN DECISIONS
FOR ACADEMIC ACHIEVEMENT



A statewide initiative of Ohio educators to improve teaching and learning through technology










Data Driven Decisions For Academic Achievement

D3A2

Resource Exchange

Viewing Resources

In multiple screens the teacher/user may click on Resource to go to actual resources for that standard or benchmark.

Standard	Benchmark	Student	Resource
Acquisition of Vocabulary	<input checked="" type="checkbox"/>		
Reading Applications: Informational, Technical & Persuasive Text	<input checked="" type="checkbox"/>		
Reading Applications: Literary Text	<input checked="" type="checkbox"/>		
Reading Process	<input checked="" type="checkbox"/>		
All Standards			

LOGGING IN

When the teacher/user clicks on the desired icon they are taken to a new screen, opening in a new window.

The first time a teacher comes to the login screen they will need to - Create a New User Account – the middle column.

It is important that they use their school email address because of future plans for D3A2.

The users can create their own password.

Read the Terms of Use and then check the I Agree box. Click Register.

On future returns to this page the user will only need to enter their username and password to enter.

Searching

There are two ways to bring up resources aligned to Ohio's Academic Content Standards:

1 – Enter via the Data Warehouse – users looking at their test data in the D3A2 Data Warehouse have the ability to see areas of weakness and enter the D3A2 Resource Exchange at the level they need to find resources. See <http://www.d3a2.org/tools.asp> to access the data warehouse with your locally assigned password.

2 – Use the search function of the D3A2 Resource Exchange by clicking on New Search, as shown below:



The screen that appears enables you to search in two ways:

Subject and Grade Level – a quick search

Academic Content Standard – a more detailed search aligned to Ohio's Standards

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Search D3A2

Search by Subject and Grade Level [Academic Content Standard](#)

Keyword

Subject
Select a Subject.

Grade Level
PK to 12

Filters ([Show](#))

Function	Provider	Format	Medium
<input type="button" value="Search"/>			

Search by Subject and Grade Level

The fields here can be represented by saying AND between each choice and you do not need to choose all fields.

Examples:

Keyword: "cell" and Search could yield prison cells, animal cells, solar cells, political cells, or cell phones

Keyword: "cell", Subject: Science, Grade level 7 -7 and Search will yield only science related "cell" words as the align to the 7th grade Ohio Standards.

Filters covered after the Search by Academic Content Standard is explained.

Search D3A2

Search by Subject and Grade Level [Academic Content Standard](#)

Keyword

Subject
Science

Grade Level
7 to 7

Filters ([Show](#))

Function	Provider
<input type="button" value="Search"/>	

Search by Academic Content Standard

Searching by Academic Content Standard requires the user to make their search selections in order. You must choose a Subject before you can choose a Standard. You must choose a Standard before you can choose a Grade Band and so on.

The example below shows a drill down to the indicator level for a search.

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Search D3A2

Search by Subject and Grade Level Academic Content Standard

Keyword

Subject Mathematics

Standard Number, Number Sense and Operations

Grade Band 05-07

Benchmark B: Compare, order and convert among fractions, decimals and percents.

Grade Level 7th Grade

Indicator 1: Demonstrate an understanding of place value using powers of 10 and write large numbers in scientific notation.

Filters ([Show](#))

Function	Provider	Format	Medium
<input type="button" value="Search"/>			

Filters

For both types of searching the user can adjust the filters as part of their search. By default, ALL filters are selected. To see those filters the user clicks on the word **Show** as seen below.

Filters ([Show](#))

Function	Provider	Format	Medium
----------	----------	--------	--------

By selecting None for a given column all checks would disappear and a user could select only the choices they desire to search.

Example: If I wanted only resources from the ORC I would select None under provider which would uncheck the entire column and then I would go in and check ORC and then click SEARCH.

Filters ([Hide](#))

Function	Provider	Format	Medium
Select All / None <input checked="" type="checkbox"/> instructional component <input checked="" type="checkbox"/> unit plan <input checked="" type="checkbox"/> lesson plan <input checked="" type="checkbox"/> activity <input checked="" type="checkbox"/> tutorial <input checked="" type="checkbox"/> assessment collection <input checked="" type="checkbox"/> assessment item <input checked="" type="checkbox"/> classroom <input checked="" type="checkbox"/> district/local <input checked="" type="checkbox"/> State (provided by ODE) <input checked="" type="checkbox"/> national <input checked="" type="checkbox"/> international <input checked="" type="checkbox"/> extended response <input checked="" type="checkbox"/> selected response (multiple choice, etc.) <input checked="" type="checkbox"/> short answer <input checked="" type="checkbox"/> performance assessment <input checked="" type="checkbox"/> writing prompt <input checked="" type="checkbox"/> content <input checked="" type="checkbox"/> research results <input checked="" type="checkbox"/> informational resource <input checked="" type="checkbox"/> bibliography <input checked="" type="checkbox"/> professional development <input checked="" type="checkbox"/> educational research <input checked="" type="checkbox"/> workshop/training <input checked="" type="checkbox"/> course	Select All / None <input checked="" type="checkbox"/> CMSD <input checked="" type="checkbox"/> Columbus Zoo and Aquarium <input checked="" type="checkbox"/> COSI Columbus <input checked="" type="checkbox"/> INFOhio <input checked="" type="checkbox"/> Northern Ohio Educational Computer Association <input checked="" type="checkbox"/> Ohio Department of Education <input checked="" type="checkbox"/> Ohio Social Studies Resource Center <input checked="" type="checkbox"/> ORC <input checked="" type="checkbox"/> PBS 45 & 49 <input checked="" type="checkbox"/> ThinkTV <input checked="" type="checkbox"/> WVIZ	Select All / None <input checked="" type="checkbox"/> book <input checked="" type="checkbox"/> article <input checked="" type="checkbox"/> video <input checked="" type="checkbox"/> kit <input checked="" type="checkbox"/> interactive video distance learning <input checked="" type="checkbox"/> web-based distance learning <input checked="" type="checkbox"/> software/application <input checked="" type="checkbox"/> word document <input checked="" type="checkbox"/> QuickTime movie <input checked="" type="checkbox"/> windows media player <input checked="" type="checkbox"/> database <input checked="" type="checkbox"/> spreadsheet <input checked="" type="checkbox"/> HTML <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> JPEG <input checked="" type="checkbox"/> GIF <input checked="" type="checkbox"/> JAVA <input checked="" type="checkbox"/> Flash <input checked="" type="checkbox"/> WAV	Select All / None <input checked="" type="checkbox"/> Internet <input checked="" type="checkbox"/> VHS <input checked="" type="checkbox"/> other video tape <input checked="" type="checkbox"/> DVD <input checked="" type="checkbox"/> CD-ROM <input checked="" type="checkbox"/> electronic document <input checked="" type="checkbox"/> bound document <input checked="" type="checkbox"/> ATM video <input checked="" type="checkbox"/> IP video <input checked="" type="checkbox"/> ISDN video

The resources appear in an abbreviated format, giving the teacher/user the:

- Resource provider shown by an icon (example: ODE)
- Title of the Resource, which is a link to the resource
- Abstract – short description of the resource
- Link to Details – takes the user to a more detailed view of the resource including the alignment of that resource as shown below

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Search D3A2

Found 16 results. You can [refine your search](#) or [start a new search](#).

Items marked with a ★ are in one or more of your bookbags.

Select [All](#) / [None](#) | Add selected to: Soc Stud - 1700s | Sort by: Default Search Rank

-  [Grade 4 Achievement Test - May 2007](#)
Abstract: In this question, students need to choose a synonym, or word that shares the same meaning, for the word classified.
[Details...](#)
-  [Grade 6 Reading Achievement - May 2007](#)
Abstract: This multiple-choice question asks students to understand and identify similes and other types of word relationships to compare two things.
[Details...](#)
-  [Grade 6 Reading Achievement - May 2007](#)
Abstract: This multiple-choice question asks students to understand that familiar words can have different meanings depending on how they are used in a sentence.
[Details...](#)
-  [Grade 7 Reading Achievement - May 2007](#)
Abstract: This short-answer question asks students to show they understand or can interpret the meaning of figurative language (metaphor or simile).
[Details...](#)

In this view, the user also sees the actual link to the resource. In this example, we see it is going to take us to IMS.

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Search [← Back to Search Results](#)

Add item to: Soc Stud - 1700s | [Send feedback about this item](#)

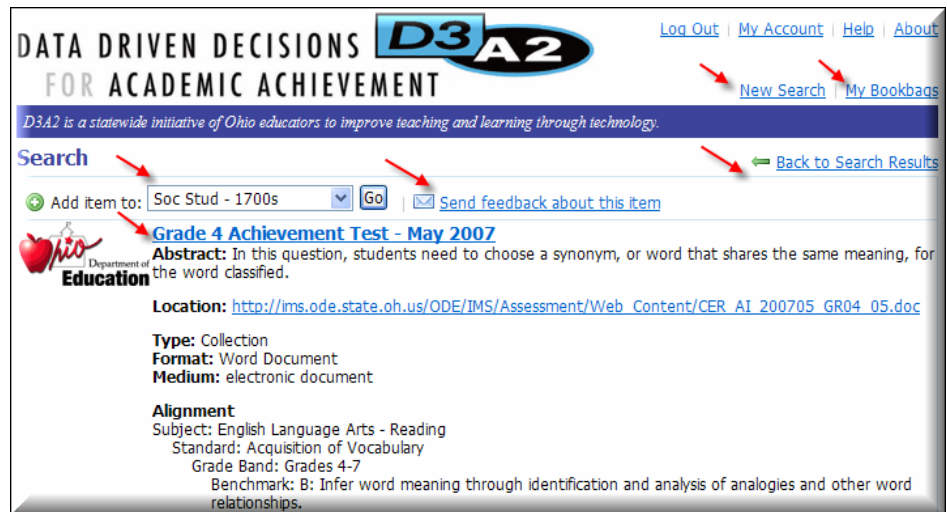
 [Grade 4 Achievement Test - May 2007](#)
Abstract: In this question, students need to choose a synonym, or word that shares the same meaning, for the word classified.
Location: http://ims.ode.state.oh.us/ODE/IMS/Assessment/Web_Content/CER_AI_200705_GR04_05.doc
Type: Collection
Format: Word Document
Medium: electronic document
Alignment
Subject: English Language Arts - Reading
Standard: Acquisition of Vocabulary
Grade Band: Grades 4-7
Benchmark: B: Infer word meaning through identification and analysis of analogies and other word relationships.



Note: The resources will be limited to the appropriate grade band if the user came in from the Benchmark level. If the user comes from the Standard level they will see multiple grade bands.

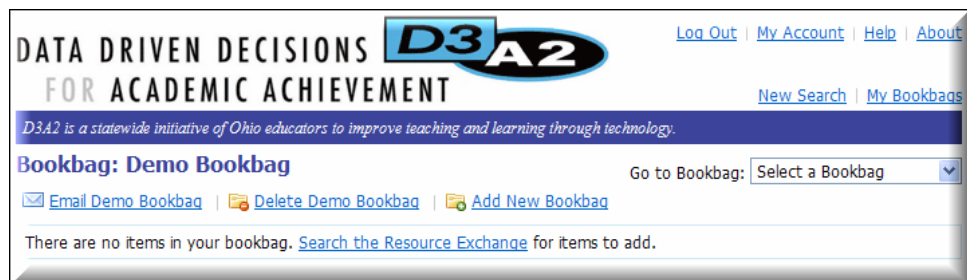
There are 6 options the user can take at this screen:

- 1 – Add this item to their Bookbag – more on this later
- 2 – Send feedback about this item – this is primarily to let us know if there is a problem with the resource, misspelling, bad link or a poor quality resource. It can also be used for positive statements explaining the user's use of the item or suggestions for the item.
- 3 – Back to Search Results – the user can return to the full list after looking at the detail of this resource.
- 4 – Click on the link to this resource and investigate it further. All resources should open in a new window so you do not lose the D3A2 data results
- 5 – Start a New Search unrelated to entry from the data
- 6 – Go to My Bookbags to create or edit the Bookbags



Book Bag Feature

When a teacher/user finds the resources they really think meets the needs of their students they can save them using the Bookbag feature.



There are three main features to the Bookbag:

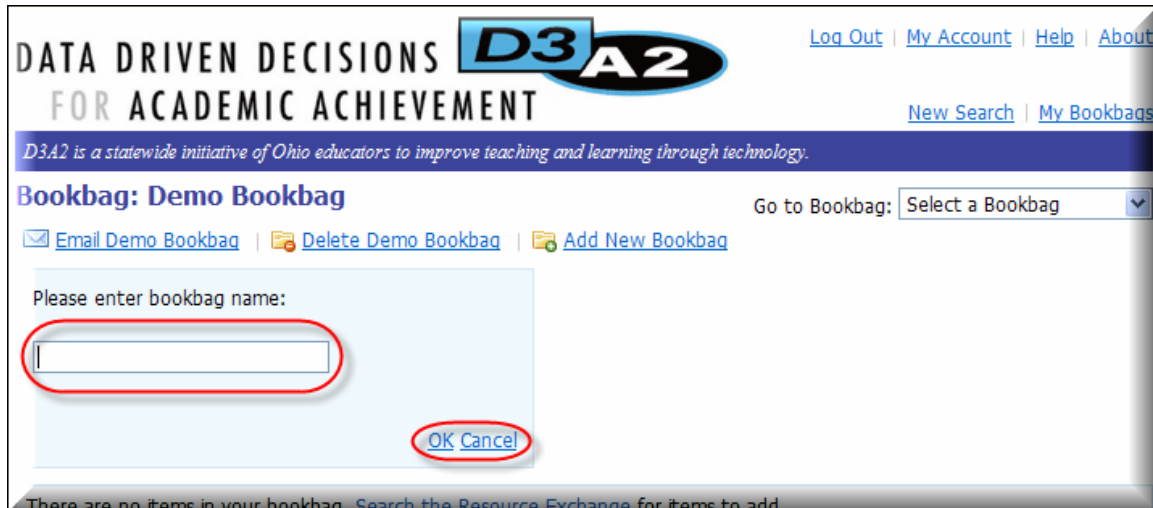
- Email My BookBag
- Delete My Bookbag
- Add New Bookbag

Add New Bookbag

When the teacher/user clicks on Add New Bookbag they are given the ability to name the bookbag. A user might have resources broken down in various ways:

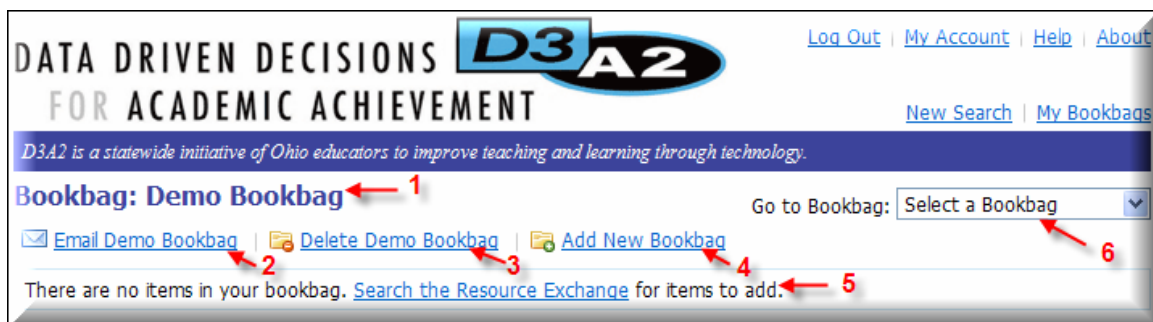
- Content area (example: Math Resources)
- Grade level (example: 4th grade)
- Type of item (example: Math Assessments)
- District Approved (example: District Math 4th grade)

This is totally up to the user.



Working with a Bookbag

After naming a Bookbag and clicking on okay, the teacher/user will see the menu choices changed slightly.



- 1 – The Bookbag name now shows: Demo Bookbag
- 2 - Email Demo Bookbag – gives the teacher/user the ability to share the resources with other users.
- 3 – Delete Demo Bookbag – Completely delete all information including the name of the Bookbag
- 4 - Add New Bookbag – start an additional Bookbag
- 5 – Search the Resource Exchange – this would be a cold search, not directly related to Item Analysis
- 6 – Select a different Bookbag to work in

Selecting Resources for Bookbag

When a user is at resources they want to add to a Bookbag, after logging in, the user would select the appropriate Bookbag from the dropdown menu.

To add the resource – Check the box by the resources to be added, select the Bookbag, click GO.

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Search D3A2

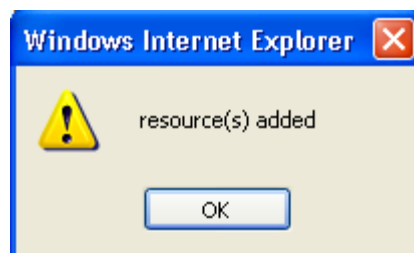
Found 2 results. You can [refine your search](#) or [start a new search](#).

Items marked with a ★ are in one or more of your bookbags.

Select [All](#) / [None](#) Add selected to: Soc Stud - 1700s Sort by: [Default Search Rank](#)

<input type="checkbox"/>	Energy, the Abstract: A sea of positive and negative alternative energy a breeze? Details...	<p>Soc Stud - 1700s SST LACA Math Resources Eric's Books MEC Bookbag MVECA Bag Science- Genetics Number, Number Sense ncocc Westlake Kettering Bookbag SPARRC BOOKBAG Measurement Cool, really cool stuff My Bookbag Demo Bookbag</p>	<p>to fossil fuel and nuclear power plants to observe the cooling, and cooling energy. A look at conventional and just the sun's energy in a prehistoric package? Is you cut down on our energy consumption?</p>
<input checked="" type="checkbox"/>	Are Fruits and Vegetables Abstract: Students design a cells. Students choose a representation required in order to determine to design an investigation, minutes each, with introduction of the PALS (Performance Assessment) Details...		<p>determine if a given fruit or vegetable is composed of what materials, procedures, and kinds of evidence are composed of cells. The task assesses students' abilities to generalize inferences from their observations, and ask is designed to take students 1-2 class periods (40-45 minutes) to complete. This performance assessment is part of a collection. (author/ts)</p>

After clicking GO, a popup will appear stating the resources was successfully added.



Note: If you have a popup blocker turned on your computer, you may not see this window. There are two main places to check for Popups in Internet Explorer and these are similar to other browsers.

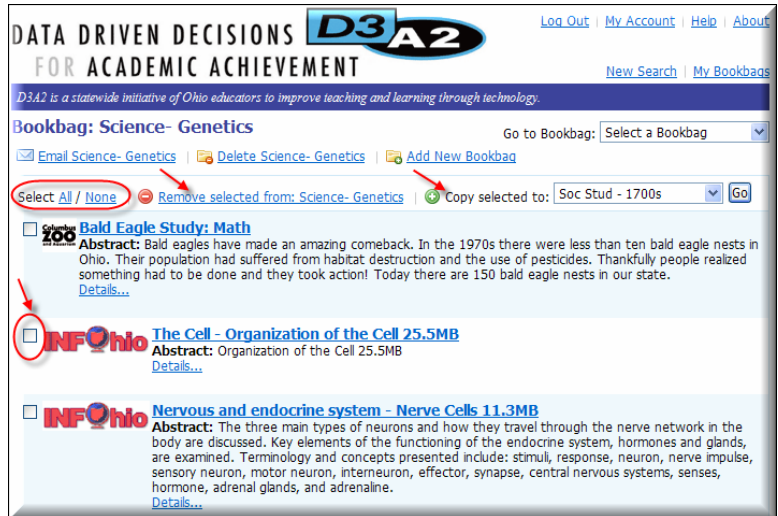
- 1 - Go to Tools > Popup Blocker > Turn Off Popup Blocker
- 2 – Check for Google, Yahoo or other toolbars that may be blocking popups.

Viewing Bookbag

In the Bookbag view, in this case, "Science-Genetics", I see my saved resources. I can choose to remove from Bookbag if I no longer want that resource in my Bookbag or copy that resource to another Bookbag as well.

First check the box by the resource to be edited. There is a select all at the top of the column.

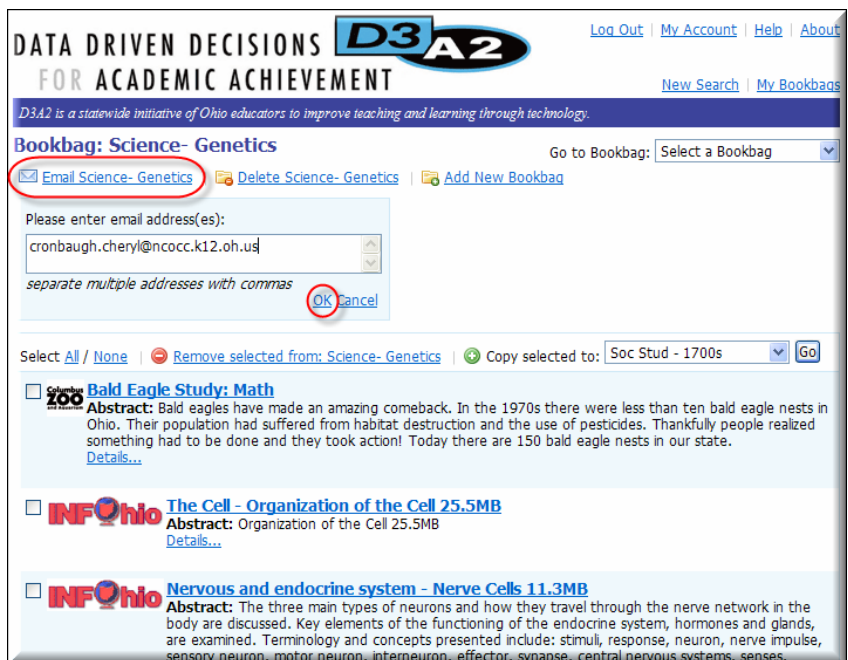
Then make the choices to Remove the selected items or Copy the selected items to a particular Bookbag.



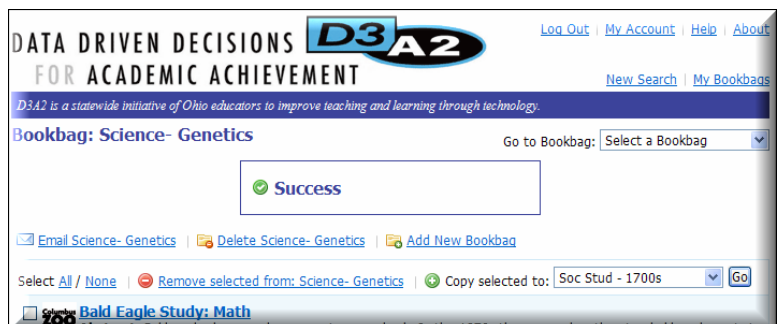
Emailing a Bookbag

To email your bookbag of resources, click on the Email (bookbag name) link.

A text box appears where you can type in the email address(es) for those you want to share your bookbag. For more than one email, place a comma between addresses. Click on OK to send.

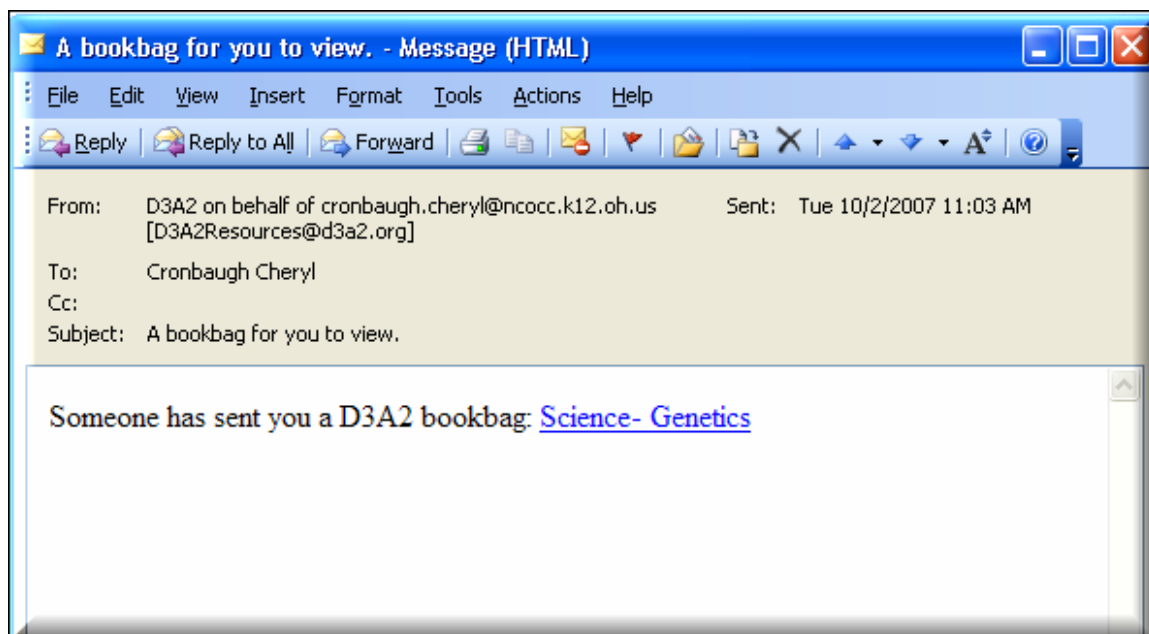


You will know you were successful because the screen will say Success



Viewing a Shared Bookbag

The user will get a link in their email and when they click on the link it will take them to a non-logged-in version of the Resources – showing them the resources just shared. The email will come with the wording shown below – giving the user's name who sent the resources.



The user clicks on the link in the email to go to the resources. They will arrive at the login screen and can make their own choice to login or enter as guest. If they enter as guest they will see the Bookbag but not be able to add the resources to their own bookbags.

The user could then login to add these resources to their bookbag(s). Login is found at the top right of the screen.

Currently there is no limit to the number of bookbags a user might create.

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[New Search](#)

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Bookbag: Science- Genetics

Are Fruits and Vegetables Really Made of Cell?
Abstract: Students design and carry out an exercise to determine if a given fruit or vegetable is composed of cells. Students choose a representative sample and decide what materials, procedures, and kinds of evidence are required in order to determine if their fruit or vegetable is composed of cells. The task assesses students' abilities to design an investigation, make simple observations, make generalized inferences from their observations, and apply their understanding to an everyday situation. This task is designed to take students 1-2 class periods (40-45 minutes each, with introduction given before the class period) to complete. This performance assessment is part of the PALS (Performance Assessment Links in Science) collection.
(author/ts)
[Details...](#)

Bald Eagle Study: Math
Abstract: Bald eagles have made an amazing comeback. In the 1970s there were less than ten bald eagle nests in Ohio. Their population had suffered from habitat destruction and the use of pesticides. Thankfully people realized something had to be done and they took action! Today there are 150 bald eagle nests in our state.
[Details...](#)

The Cell - Organization of the Cell 25.5MB
Abstract: Organization of the Cell 25.5MB
[Details...](#)

Nervous and endocrine system - Nerve Cells 11.3MB
Abstract: The three main types of neurons and how they travel through the nerve network in the body are discussed. Key elements of the functioning of the endocrine system, hormones and glands, are examined. Terminology and concepts presented include: stimuli, response, neuron, nerve impulse, sensory neuron, motor neuron, interneuron, effector, synapse, central nervous systems, senses, hormone, adrenal glands, and adrenaline.
[Details...](#)

Cell Division and Movement
Abstract: Make cells come alive! This resource gives students a realistic view of a living cell. Students have an opportunity to