

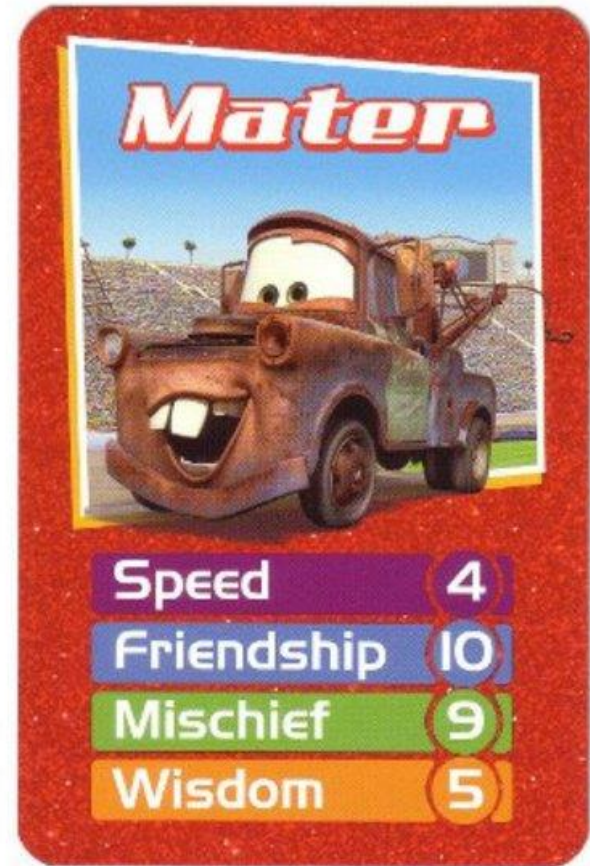


Using Real World Databases

LIBRARY SYSTEMS

► Top Trumps.

- They are an example of a paper database
- Each record has different fields



Last week we created ...



- 
- 
- ▶ Are an organized collection of information that can be searched and sorted.

Databases



In this lesson

- ▶ You will investigate different ways that libraries organize and catalog their books.

(Using Databases)



Libraries

- ▶ Using an index card system to catalog books



Using the Index Card System

- » If one index card represents one book (record)
- » What information (fields) might be written on that index card?
- » ISBN Number, Title, Author,
- » How is author written?

Create an Index Card

Create
Index
Cards for
your
favorite
books. 3-
4 should
be
enough

ISBN Number:		ISBN Number:	
Title:		Title:	
Author:		Author:	
Genre:		Genre:	
:		:	

ISBN Number:		ISBN Number:	
Title:		Title:	
Author:		Author:	
Genre:		Genre:	
:		:	

ISBN Number:		ISBN Number:	
Title:		Title:	
Author:		Author:	
Genre:		Genre:	
:		:	

ISBN Number: 55343

Title: The Magician's Nephew

Author: Lewis, CS

Genre: Adventure

Location in library : Shelf F2

Index Cards

How do we know how many books (records) we have?

How do we sort the books (records) into order?

How do we search the books (records)?



► What dangers can you see with having all your information stored on index cards?



- Cards could get lost
- Cards could get damaged or ripped
- Cards could be put in the wrong order
- Can't change the information on the card

Index Card System

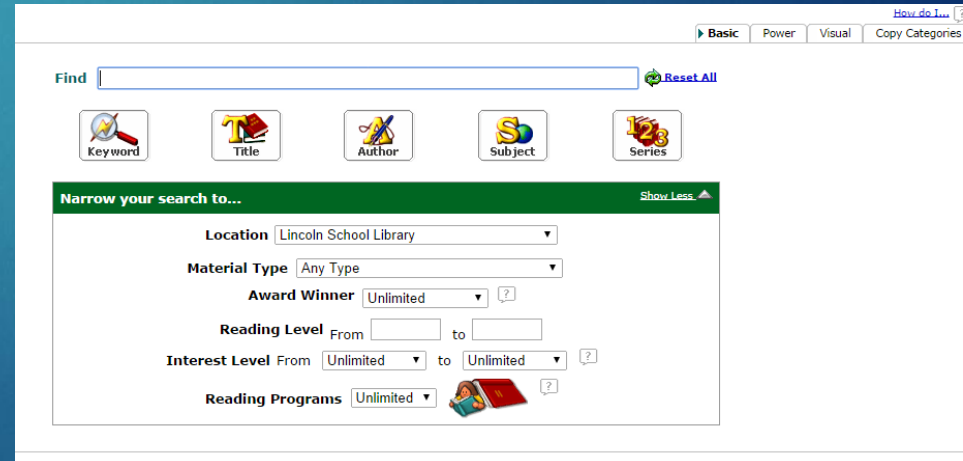


The computerized solution

Libraries now store the records of books in a computerized database.

We can search this database using a computer.

We can also find records by browsing by type








The screenshot shows a web-based library search interface. At the top right, there are tabs for 'Basic', 'Power', 'Visual', and 'Copy Categories', with 'Basic' selected. Below the tabs is a 'Find' search bar and a 'Reset All' button. Underneath the search bar are five icons representing different search criteria: Keyword, Title, Author, Subject, and Series. Below these icons is a green header for the 'Narrow your search to...' section, with a 'Show Less' link. The search filters include: 'Location' set to 'Lincoln School Library', 'Material Type' set to 'Any Type', 'Award Winner' set to 'Unlimited', 'Reading Level' with 'From' and 'to' input fields, 'Interest Level' with 'From' and 'to' dropdowns both set to 'Unlimited', and 'Reading Programs' set to 'Unlimited' with a book icon.

How do I... ?

Basic Power Visual Copy Categories

Find [Reset All](#)

 Keyword  Title  Author  Subject  Series

Narrow your search to... [Show Less](#)


Location

Material Type

Award Winner ?

Reading Level From to

Interest Level From to ?

Reading Programs  ?

https://emlib.ent.sirsi.dynix.net.uk/client/en_GB/nelib/

The screenshot displays the Inspire online library database interface. At the top, the Inspire logo is visible, along with navigation links for 'Log In', 'My Account', and 'My Lists'. Below the logo is a search bar with a dropdown menu set to 'Everything' and a search button. The main content area shows search results for 'Hidden on the fens' by Joy Ellis. The results include the book cover, title, author, publication year (2020), and ISBN (9781789313437). A 'Find In My Library' button is present. To the left of the main result is a sidebar with a bookshelf image and the text 'Who else Writes Like...? New free online resource for fiction readers'. To the right is another sidebar with a bookshelf image and the text 'Who Next? Find new authors for younger readers'. At the bottom, an orange banner contains a notice about library closures during the national lockdown, listing details about return dates, overdue charges, and reservations, and providing a link to the service disruption page.

Log In | My Account | My Lists |

Everything All Fields Search Advanced Search

New Adult Fiction

Who else Writes Like...? New free online resource for fiction readers

Hidden on the fens
JOY ELLIS

Title: Hidden on the fens
Author: Ellis, Joy.
Published: 2020
ISBN: 9781789313437

Find In My Library

Who Next? Find new authors for younger readers

MURDER GAMES
I know a secret
Queen's Mary
HIDDEN FENS
JOY ELLIS

All Inspire Nottinghamshire Libraries are closed until further notice during national lockdown.

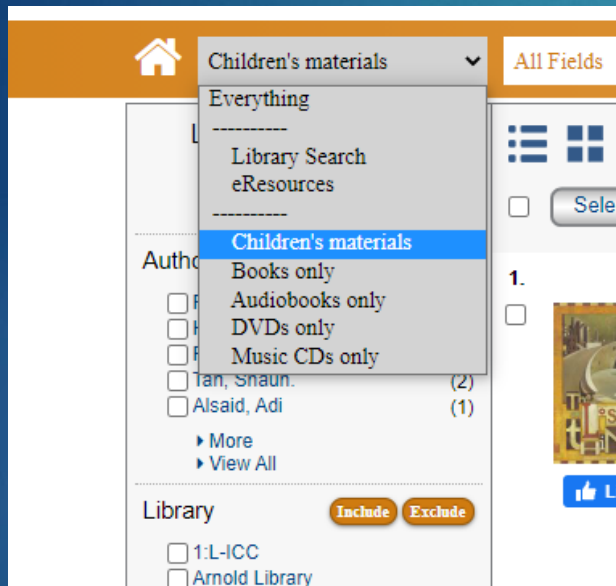
- Items will have their return date extended – no need to renew.
- Overdue charges will not apply whilst libraries are closed.
- Reservations can be made during closure and will be processed ready for when we reopen.

Visit inspireculture.org.uk/service disruption for updates

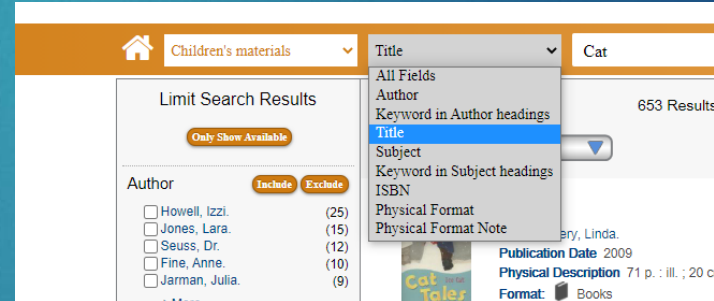
Searching an Online Library Database



Filter the search to children's materials



See if you can find some of your favorite books!



Search by title



Can you find the answers to these questions using the online database?

- ▶ How many books can you find written by Roald Dahl?
- ▶ How many books have the word Cat in the title?
- ▶ Which books have been written by Jermy Strong?
- ▶ Search for the book Arthur's computer disaster
- ▶ Who wrote the book?
- ▶ What year was it published?
- ▶ How many pages does it have?
- ▶ What is its ISBN number?



- ▶ How is the computerized library database different to the index card system?
- ▶ In what ways is it better?
- ▶ Are there anyways in which it is not as good?
- ▶ Apart from books is there anything else that you can think of that could be stored in the computerized database?

Plenary

