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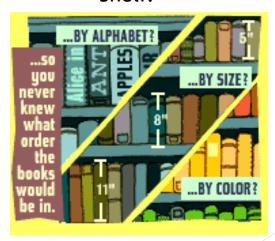
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Topics

- ► A brief history of Dewey
- ► Structure of Dewey
- ▶ Building numbers
- Classifying with Dewey



How Do Books Get Organized on the Shelf?



That's the job of classification numbers

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Brief History of Classification

Before Dewey Decimal Classification

- Classification was often based on shelf location
- Resources were reclassified frequently as collections grew
- Classification systems were specific to each library

Melvil Dewey

- Noticed a lack of efficiency and a waste of time and money
- Wanted to provide intellectual order and physical location
- ▶ Wanted to group like subjects together, but also have the overall scheme of what he called the "order of knowledge"
- Created ten main classes that are still used today

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The Beginning of DDC

- ► A Classification and Subject Index for Cataloging and Arranging the Books and Pamphlets of a Library was published anonymously in 1876only 44 pages long
 - ▶Not based on shelf location
 - ▶ Could be used at any library

Growth of DDC

- Dewey participated in the first 12 editions
- ► Renamed *Dewey Decimal*Classification with the 13th edition (1932)
- ► The last widely published print version was the 23nd edition, published in 2011
- ► The abridged version was last published in 2012, as the 15th edition

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Dewey Today

- ▶ No longer regularly published
- Available online as WebDewey and Abridged WebDewey
 - ► Updated continuously
 - ► Subscription required
- ► A print-on-demand option is also available
 - ► Updated annually
 - ► In 4 volumes

Let's Look at Dewey

- ▶ How many of you use Dewey?
- Are you familiar with the DDC schedules?

THE DEWEY DECIMAL SYSTEM





















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Structure of Dewey— Summaries

- ► First summary—The ten main classes
- Second summary—The hundred divisions (the ten main classes divided into ten branches)
- ► Third summary—The thousand sections (the ten divisions divided into ten branches)

The Ten Main Classes the First Summary

- 000 Computer science, information and general works
- 100 Philosophy and psychology
- 200 Religion
- 300 Social sciences
- 400 Language
- 500 Natural sciences and mathematics
- 600 Technology (Applied sciences)
- 700 Arts and recreation
- 800 Literature
- 900 History and geography

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Structure of Dewey— Notation

- ▶ DDC notation is expressed in Arabic numbers
 - ▶ 0-9
- ► Gives the unique meaning of the class and its relation to other classes
- Can expand a number without disturbing topics already classed

Anatomy of a Dewey Number

- A three-digit number followed by subdivisions as appropriate
 - ▶ No number has less than three digits
 - Zeros are used to fill positions as needed
- ▶ The first digit is the main class
 - ▶ 500—Science
- ▶ The second digit is the division
 - ► 510—Mathematics
- ▶ The third digit is the section
 - ▶ 51<u>1</u>—General principles of mathematics
- A decimal point is entered after the third digit to add subdivisions
 - Numbers should never have a zero to the right of the decimal point

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DDC Structural Hierarchy

- Numbers are arranged from broadest to narrowest
- All topics (aside from the ten main classes) are subordinate to and part of all the broader topics

Broader to Narrower-Example

Uses Arabic numerals 0 to 9 on each level of the hierarchy

300	Social Sciences
330	Economics
332	Financial Economics
332.4	Money
332.41	Value of Money
332.414	Factors affecting fluctuations in value

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Arrangement of Dewey— Print

Full version--4 volumes

- v. 1 Introduction, Manual, Tables
- v.2 Schedules 000-599
- v.3 Schedules 600-999
- v.4 Relative index

Abridged Dewey-1 volume

Abbreviated index, tables, and schedules

Arrangement of Dewey-WebDewey SEARCH ADVANCED SEARCH BROWSE COMMENTS SUPDATES (146) English ▼ WebDewey 23 (EN) ▼ Browse WebDewey Dewey Numbers (with Captions) Browse for CLCSH DDC 23 Abridged Edition 15 000 100 200 300 400 500 600 700 800 900 000 100 200 300 400 500 600 700 800 900 Main Classes <u>I1 I2 I3 I3A I3B I3C I4 I5 I6</u> <u>I1 I2 I3 I4</u> Manual Introduction Glossary Relocations & Discontinuations Home Dewey Blog Help Revise the DDC

Components of Dewey

- ▶ Introduction
 - ▶ The basic principles and structure of DDC
- Manual
 - ► A guide to the use of DDC, including guidance on when to use one number over another
- Schedules
 - ► The series of Dewey numbers 000-999, with their headings, subdivisions, and notes

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Components of Dewey-cont'd

▶ Tables

List of notations that may be added to numbers to make them more specific

Relative index

- Alphabetical listing of subjects that shows the connection between subjects and their related disciplines
 - ► Under each subject, the disciplines in which they are found are listed alphabetically

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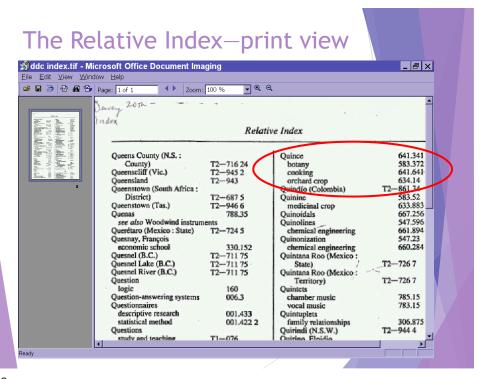
What's in the Relative Index

- ▶ Indexed terms in the headings and notes of schedules and tables
- ► Terms with literary warrant for concepts in the schedules or tables
- Some built numbers
- ▶ Terms for broad concepts covered in Manual notes
- ➤ Some proper names (geographic names like countries, states and provinces, names of counties in the U.S., names of capital cities and other important municipalities, and names of important features)

What's Not in the Relative Index

- ▶ All names of persons, cities, organizations, minerals, plants, animals, chemical compounds, drugs, manufactured articles, etc. (Names are included selectively)
- ▶ Phrases beginning with the adjectival form of countries, languages, nationalities, and religions (English poetry, French architecture, Mexican cooking)
- ▶ Phrases containing general concepts represented by standard subdivisions such as education and history (Art education, History of science, Automobile maintenance)

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Entries—Print Version

- Always read numbers in terms of their hierarchy
- ► The first three numbers appear only once. They are repeated at the top of the page where the subdivision continues
- Subordinate numbers appear with the decimal point (the first three numbers are understood)

Entries -Numbers in Square Brackets

Any number in square brackets is not valid and should not be used.

- ▶ Numbers that have never been assigned [008] [Never assigned]
- ▶ Numbers that are currently unassigned but were once valid. Contain a note stating when it was last used

[007] [Unassigned] Most recently used in Edition 16

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Entries -Numbers in Square Brackets

- ▶ Vacated numbers--Moved to a different location for the current edition 627[.92] Navigation aids
 - Relocated to 623.893
- ▶ Discontinued numbers--No longer used because the concept has been moved to a more general number or has been dropped entirely

[775] Digital photography Number discontinued; class in 770

Entries -Numbers in Parenthesis

 At certain places in the schedules options are provided to accommodate cultural differences

330(.159) Socialist and related school

▶ (Optional number; prefer 335)

330.91 Geographic treatment (Economic geography) by areas, regions, places in general (Option: Class in 910.13301)

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Centered Entries

Sometimes headings are denoted not by one number but by a span of numbers identified by the caret symbol (>) in the number column.

> 391.1-391.3 Costumes of men, women, children

Class costume for men, women, children by specific economic, social, occupational groups in 391.01-391.04 Class kinds of garments for men, women, children in 391.4 Class accessories for men, women, children in 391.44 Class comprehensive works in 391

Used to indicate a subject covered by a span of numbers.

Standing Room Entries

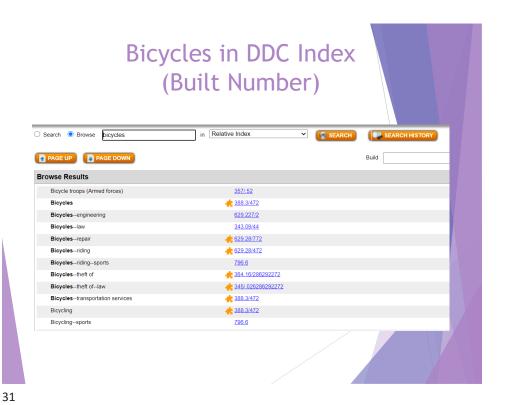
- ► Provide a location for topics with relatively few items written about them, but whose literature may grow in the future
- Standard subdivisions cannot be added to topics in standing room, nor are there other number building techniques allowed

641.229 Nongrape wine Including fermented cider

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Some Definitions

- ▶ Base number = number you add to, when directed by schedule or when adding from tables
- ► Built number = number not directly available in schedule, but already "built" for you in the index
 - ▶ In WebDewey you will see a puzzle piece next to the Dewey number
- Period number = segment sometimes available to be added, indicating a time period
- Segmentation = logical break points to make a classification number shorter; indicated by "/" in OCLC & by "' " in CIP

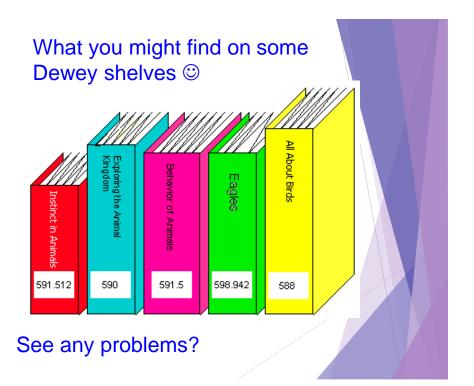


Components of Built Number for Bicycles 388.3/42-388.3/48 Vehicles powered by fossil fuels and human-powered Notes Class here comprehensive works on a specific type of vehicle regardless of source of power, e.g., comprehensive works on trucks 388.344 Add to base number 388.34 the numbers following 629.22 in 629.222-629.228, e.g., buses 388.34233, bicycles 388.3472 629.222-629.228 Vehicles powered by fossil fuels and human-powered vehicles 629.222 ▼ *Passenger automobiles 629.227 629.223 🔻 *Light trucks *Monocycles 629.227/1 629.224 ▼ *Trucks (Lorries) 629.227/2 *Bicycles 629.227/3 *Tricycles 629.225 ▼ *Work vehicles 629.227/4 *Quadracycles 629.226 *Campers, motor homes, trailers (caravans) 629.227/5 *Motorcycles 629.227 ▼ *Cycles 629.227/6 *Tandem bicycles 629.228 ▼ Racing cars and off-road vehicles

Ten Main Classes

- Mutually exclusive (can only be in one at a time)
- Sometimes we must choose between two perfectly good numbers
 - Where are similar items in your collection?

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Classifying with DDC

- ▶ Determine the subject
- ▶ Determine the disciplinary focus
- ▶ Determine the approach or form

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Determine the Subject

- ▶ Look for clues in the title or subtitle
- Consult table of contents or chapter headings
- Consult preface, introduction and foreword
- ► Scan the text
- Look at bibliographical references and index
- ► Find reviews (if nothing else)

Determine the Discipline

► Class in the discipline for which it is intended, not from which it is derived Controlling garden pests organically written by a zoologist would be classed either under garden pests or organic gardening, but NOT under zoology

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More Than One Subject

▶ Rule of Application—Class a work dealing with interrelated subjects with the subject that is being acted upon. Takes precedence over any other rule

A work dealing with Shakespeare's influence on Keats is classified with Keats.

Two Subjects

- ► If one subject receives fuller treatment, class with that subject
- "First of Two Rule"—If two subjects receive equal treatment, class the work with the subject whose number comes first in the schedule

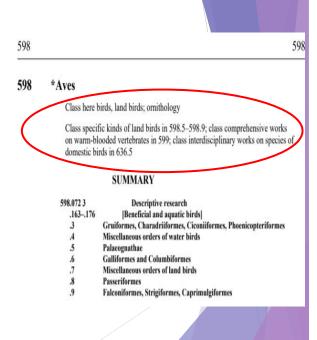
A history dealing equally with U.S. and Japan, classed as 952, because 952 precedes 973 in schedules

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Always check the schedule!

Sometimes you'll be directed not to use the First of Two Rule.

Example: At 598, the note tells you to class a work on birds and mammals in 599 (mammals) not 598 (birds).



"Rule of Three"

► Three or more subjects should be classed with the number that includes all the subjects

A history of Portugal (946.9), Sweden (948.5) and Greece (949.5) is classed with the history of Europe (940).

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More Than One Discipline

- ▶ If there is an interdisciplinary number given in the schedule, use it
- ► If there is not an interdisciplinary number, use the number for the discipline which is given the fullest treatment

598 598

598 *Aves

Class here birds, land birds; ornithology

Class specific kinds of land birds in 598.5–598.9; class comprehensive works on warm-blooded vertebrates in 599; class interdisciplinary works on species of domestic birds in 636.5

SUMMARY

598.072 3	Descriptive research
.163176	[Beneficial and aquatic birds]
.3	Gruiformes, Charadriiformes, Ciconiiformes, Phoenicopteriformes
.4	Miscellaneous orders of water birds
.5	Palaeognathae
.6	Galliformes and Columbiformes
.7	Miscellaneous orders of land birds
.8	Passeriformes
.9	Falconiformes, Strigiformes, Caprimulgiformes

An interdisciplinary number is given here

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▶ If a specific term is not in the index, look under the index listing for the broader class or term that contains the topic

Charles Dickens is not listed in the Relative Index; look under Authors.

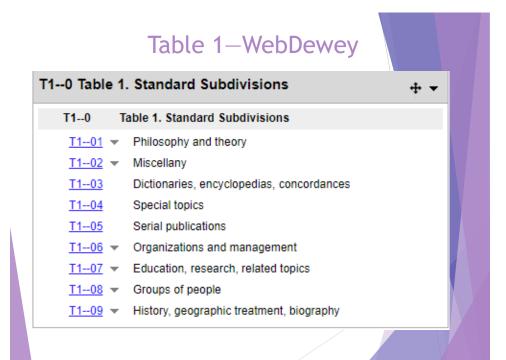
Tables: General Info

- ▶ After you have determined a general class, the schedule will tell you how and if you can further classify your item. If you can further subdivide, then you will go to the Tables.
- ► T1 =Standard subdivisions, -01-09
 - ▶ Use for all classes
- ► T2 = Geographic table, -1-9
 - ▶ Use when told to, or
 - ▶ Use after standard subdivision, -09
- ► T3 = Literatures, 3A, B, C
 - ► Use with base number of asterisked class numbers, 810-890

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Tables: General Info, Cont'd

- ► T4 = Individual languages (analysis of)
 - ► Use with base number of asterisked class numbers, 420-490
- ► T5 = Racial, ethnic, national aspects
 - ▶ Use when directed in the schedule, or
 - ▶ Use after standard subdivision, -089
- ► T6 = Languages (items in other languages)
 - ▶ Use when directed in the schedule



Common Standard Subdivisions 0207 - Humorous treatment Humorous books about gardening=635.0207 025 - Directories of persons and organizations Directory of doctors=610.92025 0285 - Computer applications Software for doing income taxes=336.240285 03 - Dictionaries, encyclopedias, concordances Medical dictionary=610.3; regular dictionary=413

Common Standard Subdivisions

075 - Museum activities and services--collecting Stamp collections=737.6075

076 - Review and exercise

Test-book for the GRE=378.1662076

08 - Groups of people
Women professors=378.12082
Travel with children=910.83

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Geographic Areas, Historical Periods, Biography—09

Added by way of subdivisions	
Planning railroad facilities	711.75
Planning railroad facilities in U.S.	711.750973
Planning railroad facilities in Illinois	711.7509773
Planning railroad facilities in Effingham County, IL	711.7509773796

 Can also be added directly without 09 if instructed to do so within the schedules

Review--Steps to Follow When Assigning Dewey Numbers

- Start with the Relative Index
 - ► Look for the subject and possible built numbers
- ALWAYS look up index number in the schedules for further direction/explanation
- Use tables to add to number, if directed or desired

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Number Building

- Standard subdivisions can be added to a main class or a division
- Never leave a 0 on the end of a number longer than three digits
- Schedules often tell you to add from another place in the schedules

Base Number Directions

```
005.2/2 †*Software development for mainframe computers

000 ▼ Computer science, information & general works

000 ▼ Computer science, knowledge & systems

004-006 ▼ Computer science; software development, software, data; special computer methods

005 ▼ *Software development, software, data, security

005.1-005.5 ▼ Software development and software

005.2 ▼ Software development for specific types of computers, for specific operating systems, for specific user interfaces

005.2/2 †*Software development for mainframe computers
```

Notes

Add to base number 005.22 the numbers following 005.26 in 005.262-005.269, e.g., software development for the IBM System/390® 005.225

*Use notation T1--019 from Table 1 as modified at 004.019
†Do not use notation T1--01 from Table 1 for general discussion of logic in programming; see Manual at 005.1301

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Adding Standard Subdivisions To Classes

- ► Always check the schedule! Standard subdivisions are often included. But if not:
- ▶ Unless you are given other instructions, drop terminal zeros from class numbers before adding the standard subdivision

Encyclopedia of science= 500 + 03 = 500 - 00 + 03 = 503

▶ But: Check the schedule for directions on adding standard subdivisions to classes 000, 200 and 300

Dictionary of social science = 300.3

Adding Standard Subdivisions To Divisions

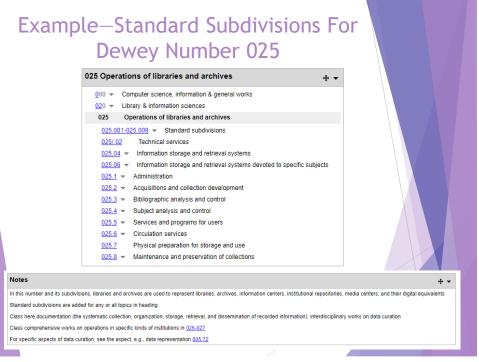
- ► Always check the schedule! Standard subdivisions are often included. But if not:
- Unless otherwise directed in the schedule, drop the terminal zero
- ▶ But: Check the schedule for directions on adding to the 000, 200, and 300 divisions

Encyclopedia of mathematics:

510 + 03 = 510 - 0 + 03 = 510.3

But:

Encyclopedia of law: 340 + 03 = 340.03 based on directions in the schedule



Dewey Decimal Classification Number Structure

Most:

Discipline (0-9) → subject subdivision → geographic/time period → form of presentation (T1)

641.5/942/05

Literature and language:

Discipline \Rightarrow original language \Rightarrow form \Rightarrow period of composition

851./1

Generalities (dictionaries, encyclopedias, library science):

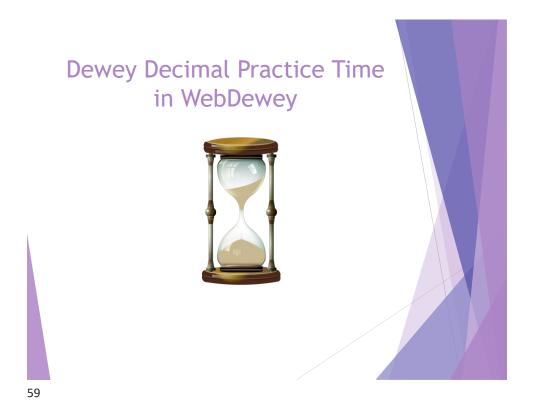
Form → language or place

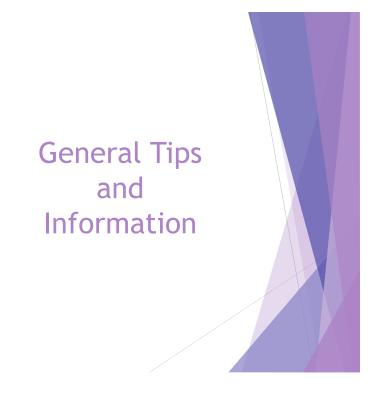
038./81

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Building Dewey Numbers— Some Don'ts

- Don't combine more than one standard subdivision (T1) unless specifically directed
 - ► Follow the precedence table in Table 1 when doing so
- ▶ Don't add standard subdivision if redundant, e.g., adding -09 + to 973
- Don't add standard subdivisions to standing room numbers
 - Instructions start with "Including"





When More than One Number Works

- ▶ In what field of study will this item be used?
- ▶ For whom is this work intended?
- ▶ Be consistent in your local practice; shelve similar subjects together

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Example--300 vs. 600

Many topics can be discussed from either a social or technological point of view.

Social implications- 300

Technological operation (how to make, operate, maintain, or repair)- 600

Book about Ford Motor Co.=338.476292 Car manual for Fords=629.2872

Economic importance of lumbering	338.17498	
Lumbering in Illinois	634.9809773	
Tea drinking in England	394.120942	
Cooking with tea	641.6372	
Shift from coal to oil in American industry	333.82130973	
Coal and oil production in the U.S.	553.20973	
Heating systems using coal and oil	621.402	

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Travel Books—Geography or History?

Geography or travel, 910+ Geography or travel and history, 930-990

Travel books with information such as hotels and rates, restaurants, etc. go in travel number

Travel books with mostly historical facts usually go with the history number

Fodor's Guide to Illinois 917.7304 Trenton's Past in Our Presence 977.3875

Options for Classifying Biographies

В

Biography of Michael Jordan 920—Biography

920.71--Biography by sex (men)

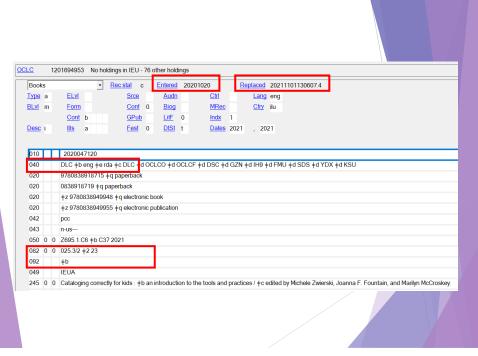
927.96323--Persons in arts & recreation

796.323092--Basketball players

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Clues to Look for in OCLC Records for DDC Currency

- ► Check record creation date
- ▶ 040—Who created the record?
 - Usually prefer DLC (Library of Congress)
- ▶ 082 or 092 \$2—DDC edition used



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- ▶ 1st indicator
 - ▶ Blank—no information provided
 - ▶ 0 Full edition
 - ▶ 1 Abridged edition
 - ▶ 7 Other edition
- ▶ 2nd indicator
 - ▶ 0 Number assigned by LC
 - ▶ 4 Number assigned by another agency
- ▶ \$a classification number
- ▶ \$b main entry cutter [rarely used for DDC]
- ▶ \$2 edition of DDC used, if 1st indicator is 0 or 1

Dewey Numbers in MARC, Cont'd

- ▶ 092 Locally Assigned Dewey Call Number
 - ▶1st indicator
 - ▶Blank—No information provided
 - ▶0 Full edition
 - ▶1 Abridged edition
 - ▶2nd indicator is blank
 - ► Sa classification number
 - ▶\$2 edition of DDC used

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Formatting \$2

- ▶ If DDC number is assigned from a print version
 - ▶ Record edition number/language code/date of edition

082 04 \$a 641.5 \$2 23/eng/2011

- ▶ If DDC number is assigned from WebDewey
 - ▶ Record edition number/language code/date DDC number was assigned by the cataloger
 - ▶ Use edition number 23
 - Record date in yyyymmdd format

082 04 \$a 641.5 \$2 23/eng/20220125

SHARE Cataloging— 082 and 092

- Record Dewey numbers in either MARC tag 082 with 2nd indicator 4, or MARC tag 092
- > \$2 is required in 082 _4. Format as in the example
- ▶ \$2 is optional in MARC tag 092. If included, format \$2 the same as in the 082
- ▶ When creating original records or editing OCLC records, use the new formatting in 082 \$2
- It's optional (but appreciated!) to change existing records in Polaris

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What If You Don't Have the Print Version or WebDewey?

- ► Check your own collection
- Check Polaris for what other libraries have used
- ▶ Look for CIP in the book
- ▶ Use OCLC Classify
- ► Check WorldCat
- ► Check the Library of Congress catalog
- ▶ When all else fails, Google it!

