4. Exploring the structure of DDC from a facet perspective (in class)				
Overview	 In Lecture 9.1, we identified three important facets in education: Subject Grade level What vs. how of education, or, broader, Aspects of education(curriculum, methods of instruction; how students learn,) In the following you will find some segments of DDC that show how these facets are implemented some examples to illustrate how it works 			
Subject	300 Social sciences 370 . Education 372-374 Specific levels of education 372 Primary education (Elementary education) 372.3-372.8 Primary education in specific subjects 372.3 Knowledge, computer science, library and information sciences, science, technology 372.35 *Science and technology 372.357 *Nature study DSNote: Here grade level (specifically elementary level) and subject are precombined. The precombined class is arranged under the grade level 500 Science 530 . Physics 534-538 Specific forms of energy 535 Light and related radiation 535.2 Physical optics			
Aspects of education	DS: This is tricky. There are two places to look for this: (1) Table 1, specifically T1–071 Education (2) the local table at 372.3-372.8 Primary education in specific subjects See next two pages			

T1-0

Aspects of education, **Table 1**

Table 1. Standard Subdivisions

T1–07 . Education, research, related topics

T1–071 . . Education [really means Aspects of education, see **Notes** below]

T1-0711-T1-0715 . . . Specific levels of education

T1--0711 . . . Higher education (Tertiary education)

T1--0712 . . . Secondary education

T1--0715 . . . Adult education and on-the-job training

DS Note: Here Aspects of education and Grade level are precombined. T1--0712 Secondary education really means Aspects of education at the secondary level. Remember that this number is appended to a subject.

Note with T1-07 Education, research, related topics

- Including programmed texts
- Class here subject-oriented study programs; comprehensive works on education and research, on resources for education and research
- Class psychology of learning specific subjects in T1--019
- For a specific resource not provided for here, see the resource, e.g., directories T1--025, bibliographies 016, libraries 026
- See Manual at 016 vs. 026, T1--07
- Class textbooks, school activities in a subject in 001-999 without adding notation T1--071 from Table 1
- For review and exercise, see T1--076
- For use of apparatus and equipment in education, see T1--078
- For competitions, awards, financial support in education, see T1--079
- or special education in specific subjects, see 371.9

Note with T1-071 Education

- Class here curricula, study (education), teaching, vocational education
- Class student organizations in T1--0601-T1--0609
- Class textbooks, school activities in a subject in 001-999 without adding notation T1--071
- Class comprehensive works on education and research in T1--07
- Class interdisciplinary works on education in 370
- Class interdisciplinary works on teaching in 371.102
- For review and exercise, see T1--076
- For use of apparatus and equipment in education, see T1--078
- For competitions, awards, financial support in education, see T1--079
- For special education in specific subjects, see 371.9
- See Manual at 407.1, T1--071 vs. 401.93, T4--019, 410.71, 418.0071, T4--80071

Note with T1-0711-T1-0715 Specific levels of education

- Class comprehensive works in T1--071
- For education in specific subjects at primary level, see 372.3-372.8

Aspects of education, Local table with 372.3-372.8	Add to each subdivision identified by * as follows: 04
More complexity Special education	For your own exploration (optional) 300 Social sciences 370 Education 371 Schools and their activities; special education 371.9 . Special education 371.904 General topics of special education 371.9044 Programs in specific subjects • Class here curricula • Add to base number 371.9044 the numbers following 372 in 372.3-372.8, e.g., mathematics 371.90447 (372.7 Mathematics)

Example 1	Curriculum of basic concepts in physics for fourth grade 372.35 043 372.35 Science and technology 043 Curricula				
	Facet analysis				
	Grade level 372 Elementary Broad	Subject .35 Science and technology Broad	Aspect 043 Curricula Specific		
Example 2	A modern curriculum for 12 th grade physics 530 .0712 530 Physics T10712 Secondary education				
	Facet analysis				
	Subject 530 Physics Specific	Aspect T10712 Aspects of education Broad	Grade level on. Secondary education Broad		
Example 3	Bodies, mass, force, and movement: Physics for elementary schools 530 Physics This is a textbook, so only the <i>Subject</i> facet is considered; the subject can be as specific as the entire DDC schedule <i>Grade level</i> and <i>Aspect of education</i> are not considered				
Example 4	A workbook of optics experiments for high school 535.2 Physical optics Same comment as for Example 3				
Example 5 On your own	Relating physics to other subjects in the elementary school curriculum				
Example 6 On your own	Teaching high school physics with applications of calculus				
Effects on retrieval	Whenever a facet value is marked as Broad, search by Dewey class cannot be specific. One cannot search specifically for <i>Physics curriculum for elementary grades</i> because the subject can be specified only to <i>Science and technology</i> or <i>Curriculum for 12th grade physics</i> , because <i>Aspects of education</i> is as specific as on can get in that facet, and Grade level can be specified only to <i>Secondary education</i> . This is worse if one wants to find in one search all science curricula for 12 th grade (for physics, chemistry, biology, earth science). One cannot search specifically for <i>12th grade physics textbooks</i> . One must look through all the books under 530 Physics				