

# Preface

Since the first edition in 1923, the Sears List has served the unique needs of small and medium-sized libraries, suggesting headings appropriate for use in their catalogs and providing patterns and instructions for adding new headings as they are required. The successive editors of the List have faced the need to accommodate change while maintaining a sound continuity. The new and revised headings in each edition reflect developments in the material catalogued, in the use of the English language, and in cataloging theory and practice. The aim is always to make library collections as easily available as possible to library users.

The Principles of the Sears List, which follows A History of the Sears List, is intended both as a statement of the theoretical foundations of the Sears List and as a concise introduction to subject cataloging in general. The List of Commonly Used Subdivisions, which follows the Principles, lists, for the purpose of easy reference, every subdivision for which there is a provision in the List, no matter how specialized. For every subdivision there is also an entry in the alphabetical List with full instructions for the use of that particular subdivision. There are also many examples of the use of subdivisions, emphasizing that the use of subdivisions is an essential method of expanding and adapting the List to a library's particular needs.

The *Sears List of Subject Headings* is also available as a database and as MARC records for direct integration with a library's ILS. Ask your sales rep for more information.

## What is New in This Edition

This is the first edition of Sears List produced by Grey House Publishing, which acquired the title in 2018. In addition to updating the look of Sears List with cleaner lines and more accessible typography, the content is now also available as a free, online database that librarians can access, at no charge for one year. Grey House is pleased to welcome you to this new edition with its many new and improved features.

The major feature of this new edition of the Sears List is the inclusion of more than 1,600 new and revised subject headings. New headings in this edition reflect the changing needs of library users, which includes addressing the growing literature in the areas of science, technology, engineering, and mathematics (STEM). The following are a sample of new STEM headings added since the last edition: **Androids**, **Environmental risk**, **Bioengineering**, **Graphic medicine**, **Traumatic brain injury**, **STEM education**, **Sinkholes**, and more. With same-sex marriage reaching full legal status in all 50 states in 2015, and some terms becoming pejorative, the Sears database updated a number of LGBTQIA headings in 2016, including but not limited to: **Asexual people**, **Transgender teenagers**, and **LGBT people in the military**. This edition also includes new headings for genres of literature and music, based on the genre/form approved by the Library of Congress in 2015. In these and other areas many provisions have been added for creating more new headings as needed. Many of the headings new to this edition were suggested by librarians representing various sizes and types of libraries, by commercial vendors of bibliographic records, and by the catalogers, indexers, and subject specialists at EBSCO Information Services.

In addition to those new headings, the sixth edition of *The Sears List Canadian Companion* is now fully incorporated into this edition of the Sears List. This incorporation included the expansion and

reconciliation of notes where the *Canadian Companion* contained more information and options, and the revision of Canadian headings **Fur trade** and **Lacrosse** to **Fur trade — Canada** and **Lacrosse — Canada**. The Sears List subdivision *Description and travel* was chosen over the Canadian subdivision *Description*. This inclusion aims to improve the efficiency and accessibility of the Sears List for catalogers by assembling the vocabulary into one volume. It also reflects the increasing international use of the Sears List in library cataloging. Those headings that originated in *The Sears List Canadian Companion* are not identified as such, as this edition of Sears List and those going forward, are treated as one inclusive vocabulary.

With the twenty-first edition, all headings conform to the new RDA standards. RDA, which stands for Resource Description and Access, is the cataloging standard that replaced AACR2 in early 2013. While many of the rules have stayed the same, there is an impact on the format of subject headings in certain areas. This new edition of the Sears List makes a concentrated effort to adhere to those new standards where applicable including bringing headings for fictional characters, legendary characters, and deities into compliance.

Other revisions address the changing demographics of library users and aim to correspond more closely to current literature and library patron search expectations. This includes canceling headings such as **Elderly** in favor of **Older people**, and **Aliens (Foreign population)** in favor of **Noncitizens**, both of which may be subdivided geographically by continent, region, country, state, or city.

For the convenience of librarians maintaining their catalogs, these revisions and all other revisions are spelled out in the List of Canceled and Replacement Headings found on page A-57.

This twenty-second edition of the Sears List, the first to be published by Grey House Publishing, was edited by Barbara Bristow, a former H. W. Wilson employee and long-time colleague of Joseph Miller, editor of the fifteenth and subsequent editions.

### The Scope of the Sears List

No list can possibly provide a heading for every idea, object, process, or relationship, especially not within the scope of a single volume. What Sears hopes to offer instead is a basic list that includes many of the headings most likely to be needed in small libraries together with patterns and examples that will guide the cataloger in creating additional headings as needed. New topics appear every day, and books on those topics require new subject headings. Headings for new topics can be developed from the Sears List in two ways, by establishing new terms as needed and by subdividing the headings already in the List. Instructions for creating new headings based on the pattern in Sears and sources for establishing the wording of new headings are given in the Principles of the Sears List. The various kinds of subdivisions and the rules for their application are also discussed in the Principles of the Sears List.

It is only by being flexible and expandable that Sears has been able over the years to fill the needs of various kinds of libraries. The degree or level of specificity required for a collection depends entirely on the material being collected. While a small library is unlikely to need very narrow topics of a technical or scientific nature, it is not at all unlikely that it might have a gardening book on **Irises**. That term is not in the List, but it would be added as a narrower term under **Flowers**.

## Form of Headings

It was the policy of Minnie Sears to use the Library of Congress form of subject headings with some modification, chiefly the simplification of phrasing. The Sears List still reflects the usage of the Library of Congress unless there is some compelling reason to vary, but those instances of variation have become numerous over the years. A major difference between the two lists is that in Sears the direct form of entry has replaced the inverted form, on the theory that most library users search for multiple-word terms in the order in which they occur naturally in the language. In most cases cross-references have been made from the inverted form and from the Library of Congress form where it otherwise varies.

## Scope Notes

As in previous editions, all the new and revised headings in this edition have been provided with scope notes where such notes are required. Scope notes are intended to clarify the specialized use of a term or to distinguish between terms that might be confused. If there is any question of what a term means, the cataloger should simply consult a dictionary. There are times, however, when subject headings require a stricter limitation of a term than the common usage given in a dictionary would allow, as in the case of **Marketing**, a term in business and economics, not to be confused with **Grocery shopping**. Here a scope note is required. Some scope notes distinguish between topics and forms, such as **Encyclopedias and dictionaries** for critical and historical materials and the subdivisions *Encyclopedias* and *Dictionaries* under topics for items that are themselves encyclopedias or dictionaries. There are also scope notes in Sears that identify any headings in the area of literature that may be assigned to individual works of drama, fiction, poetry, etc.

## Classification

The classification numbers in this edition of Sears are taken from the *Abridged WebDewey*, the continuously updated online version of the *Abridged Dewey Decimal Classification*. The numbers are intended only to direct the cataloger to a place in the DDC schedules where material on that subject is often found. They are not intended as a substitute for consulting the schedules, notes, and manual of the DDC itself when classifying a particular item. The relationship between subject headings and classification is further discussed in the Principles of the Sears List.

Usually only one number is assigned to a subject heading. In some cases, however, when a subject can be treated in more than one discipline, the subject is then given more than one number in the List. The heading **Chemical industry**, for example, is given two numbers, **338.4** and **660**, which represent possible classification numbers for materials dealing with the chemical industry from the viewpoints of economics and technology respectively. Classification numbers are not assigned to a few very general subject headings, such as **Charters, Exhibitions, Hallmarks, and Identification**, which cannot be classified unless a specific application is identified. The alphabetic notation of B for individual biographies is occasionally provided in addition to Dewey classification numbers for such materials. Numbers in the 810s and 840s prefixed by a C are given as optional numbers for topics in Canadian literature.

The Dewey numbers given in Sears are extended as far as is authorized by the *Abridged Dewey Decimal Classification*, which is seldom more than four places beyond the decimal point. When an item being classified has a particular form or geographic specificity, the number may be extended by

adding form and geographic subdivisions from the Dewey tables. Only a few examples of built numbers are given in Sears, such as **940.53022** for **World War, 1939-1945 — Pictorial works**. No library should feel the need to extend classification numbers beyond what is practical for the size of the library's collection. For a discussion of close and broad classification and for instructions on building numbers from the Dewey tables, the cataloger should consult the introduction to the most recent edition of the *Abridged Dewey Decimal Classification and Relative Index*.

### **Style, Filing, Etc.**

For spelling and definitions the editor has relied upon *Webster's Third New International Dictionary of the English Language, Unabridged* (1961) and the *Random House Webster's Unabridged Dictionary*, 2nd ed., revised and updated (1997). Capitalization and the forms of corporate and geographic names used as examples are based on the *Anglo-American Cataloguing Rules*, 2nd ed., 2002 revision, and have been updated to be RDA compliant. The filing of entries is alphabetical by main heading, with subheadings following, also alphabetically. This is a change from the filing of the twentieth edition, but catalogers should note that they are not obligated to change the order used in their library. Corporate name headings for corporate entities within other entities, such as **United States, Army**, are interfiled with the subdivisions for the main corporate heading.

Every term in the List that may be used as a subject heading is printed in boldface type whether it is a main term; a term in a *Use* reference; a broader, narrower, or related term; or an example in a scope note or general reference. If a term is not printed in boldface type, it is not used as a heading.

## List of Subdivisions Provided for in the Sears List

The following is a list of every subdivision for which there is a specific provision in the Sears List. This list is meant for handy reference only. For instructions on the use of a particular subdivision, see the entry for that subdivision in the main body of the alphabetical List. The following list is not exhaustive. It does not, for example, contain geographic or chronological subdivisions, which should be established by the cataloger as needed. Further topical and form subdivisions may also be required in libraries that contain specialized material, and they too should be established as needed and used consistently.

Accidents	Autographs
Accounting	Authorship
Accreditation	Automation
Adaptations	Awards
Administration	Battlefields
Aerial operations	Behavior
African American authors	Biblical teaching
Age	Bibliography
Aging	Bio-bibliography
Agriculture	Biography
Air conditioning	Bishops
Alcohol use	Black authors
Allusions	Blockades
Almanacs	Book reviews
Alphabet	Books and reading
Amphibious operations	Boundaries
Analysis	Brakes
Anatomy	Breeding
Anecdotes	Buildings
Anniversaries	Calendars
Antiquities	Campaigns
Apologetic works	Captivities
Appointment	Care
Appointments and retirements	Cartoons and caricatures
Appropriations and expenditures	Case studies
Archives	Casualties
Armed forces	Catalogs
Armistices	Catechisms
Army	Catholic Church
Art and the war	Causes
Art collections	Censorship
Assassination	Census
Atlases	Centennial celebrations, etc.
Atrocities	Chaplains
Attitudes	Characters
Audiences	Charities
Audiovisual aids	Charts, diagrams, etc.
Auditing	Chemical warfare

# Sears List of Subject Headings

## Non-alpha Headings

'Id al-Fitr  
*Use:* **Eid al-Fitr**

100 years' war  
*Use:* **Hundred Years' War, 1339-1453**

11th of November  
*Use:* **Remembrance Day (Canada)**

1920s  
*Use:* **Nineteen twenties**

1930s  
*Use:* **Nineteen thirties**

1940s  
*Use:* **Nineteen forties**

1950s  
*Use:* **Nineteen fifties**

1960s  
*Use:* **Nineteen sixties**

1970s  
*Use:* **Nineteen seventies**

1980s  
*Use:* **Nineteen eighties**

1990s  
*Use:* **Nineteen nineties**

1st of July  
*Use:* **Canada Day**

**24 Sussex Drive (Ottawa, Ont.)**  
*Dewey:* 725; 917.13  
*Use For:* Twenty-four Sussex Drive (Ottawa, Ont.)

*Broader Term(s):* **Prime ministers — Canada — Homes**

24th of May  
*Use:* **Victoria Day**

3-D photography  
*Use:* **Three-dimensional photography**

3-D printing  
*Use:* **Three-dimensional printing**

**4-H clubs**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 630.6  
*Use For:* Four-H clubs  
*Broader Term(s):* **Agriculture — Societies**  
**Agriculture — Study and teaching**  
**Boys' clubs**  
**Girls' clubs**

**401(k) plans**  
*Dewey:* 332.024  
*Broader Term(s):* **Individual retirement accounts**

4th of July  
*Use:* **Fourth of July**

## A

### **Abacus**

*Dewey:* 513.28  
*Broader Term(s):* **Calculators**

### **Abandoned children**

*Geographic Note:* May subdivide geographically  
*Dewey:* 362.73  
*Use For:* Exposed children

- Broader Term(s):* **Child welfare**  
*Related Term(s):* **Children**  
**Orphans**
- Abandoned towns  
*Use:* **Extinct cities**  
**Ghost towns**
- Abandonment of family  
*Use:* **Desertion and nonsupport**
- Abbeys**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 271; 726  
*See Also:* names of individual abbeys [to be added as needed]  
*Broader Term(s):* **Church architecture**  
**Monasteries**  
*Narrower Term(s):* **Westminster Abbey**  
*Related Term(s):* **Cathedrals**
- Abbreviations**  
*Dewey:* 411  
*Use For:* Contractions  
*Broader Term(s):* **Writing**  
*Narrower Term(s):* **Acronyms**  
**Code names**  
*Related Term(s):* **Ciphers**  
**Shorthand**  
**Signs and symbols**
- ABCs  
*Use:* **Alphabet**
- Abdominal exercises**  
*Dewey:* 613.7  
*Use For:* Stomach exercises  
*Broader Term(s):* **Exercise**
- Abduction  
*Use:* **Kidnapping**
- Abduction of humans by aliens  
*Use:* **Alien abduction**
- Abilities  
*Use:* **Ability**
- Ability**  
*Dewey:* 153.9  
*Use For:* Abilities; Aptitude; Skill; Skills; Talent; Talents  
*See Also:* types of ability [to be added as needed]  
*Narrower Term(s):* **Creative ability**  
**Executive ability**  
**Leadership**  
**Mathematical ability**  
**Musical ability**  
*Related Term(s):* **Success**
- Ability — Testing**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 153.9; 371.26  
*Use For:* Aptitude testing  
*Broader Term(s):* **Educational tests and measurements**  
**Intelligence tests**  
**Psychological tests**
- Ability grouping in education**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 371.2  
*Use For:* Grouping by ability  
*Broader Term(s):* **Education**  
**Educational psychology**  
**Grading and marking (Education)**  
*Narrower Term(s):* **Nongraded schools**
- ABMs  
*Use:* **Antimissile missiles**
- Abnormal children  
*Use:* **Children with disabilities**  
**Exceptional children**
- Abnormal growth  
*Use:* **Growth disorders**
- Abnormal psychology**  
*Dewey:* 616.89  
*Scope Note:* Use for systematic descriptions of mental disorders. Materials on clinical aspects of mental disorders, including therapy, are entered under **Psychiatry**. Popular materials and materials on regional or social aspects of mental disorders are entered under **Mental illness**.  
*Use For:* Mental diseases; Pathological psychology; Psychology, Pathological; Psychopathology; Psychopathy  
*Broader Term(s):* **Mind and body**  
**Nervous system**  
*Narrower Term(s):* **Affective disorders**  
**Attention deficit disorder**  
**Codependency**  
**Compulsive behavior**  
**Depression (Psychology)**  
**Eating disorders**  
**Hallucinations and illusions**  
**Mental illness**  
**Mental retardation**  
**Multiple personality**  
**Neuroses**  
**Panic disorders**  
**Personality disorders**  
**Psychosomatic medicine**  
**Self-mutilation**

- Related Term(s):* **Criminal psychology**  
**Mental health**  
**Psychiatry**  
**Psychoanalysis**  
**Psychopaths**
- Abnormalities, Chromosome  
*Use:* **Chromosome abnormalities**
- Abnormalities, Human  
*Use:* **Birth defects**  
**Growth disorders**
- Abolition of capital punishment  
*Use:* **Capital punishment**
- Abolition of slavery  
*Use:* **Abolitionists**  
**Slavery**  
**Slaves — Emancipation**
- Abolitionists**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 326; 920  
*Use For:* Abolition of slavery; Antislavery  
*Broader Term(s):* **Reformers**  
*Related Term(s):* **Slavery**  
**Slaves — Emancipation**
- Abominable snowman  
*Use:* **Yeti**
- Aboriginal Australian art**  
*Dewey:* 704.03  
*Broader Term(s):* **Art**  
*Related Term(s):* **Aboriginal Australians**
- Aboriginal Australians**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 305.89  
*Use For:* Aborigines, Australian; Australian aborigines  
*Broader Term(s):* **Australians**  
**Indigenous peoples**  
*Related Term(s):* **Aboriginal Australian art**
- Aboriginal peoples — Canada  
*Use:* **Native peoples — Canada**
- Aborigines  
*Use:* **Indigenous peoples**
- Aborigines, Australian  
*Use:* **Aboriginal Australians**
- Abortion**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 618.8  
*Use For:* Induced abortion; Termination of pregnancy
- Abortion — Ethical aspects**  
*Dewey:* 179.7  
*Use For:* Abortion — Moral and religious aspects  
*Broader Term(s):* **Ethics**  
*Related Term(s):* **Pro-choice movement**  
**Pro-life movement**
- Abortion — Law and legislation**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 344; 363.46  
*Broader Term(s):* **Law**  
**Legislation**
- Abortion — Moral and religious aspects  
*Use:* **Abortion — Ethical aspects**  
**Abortion — Religious aspects**
- Abortion — Religious aspects**  
*Dewey:* 205  
*Scope Note:* May be further subdivided by religion or sect.  
*Use For:* Abortion — Moral and religious aspects  
*Related Term(s):* **Pro-choice movement**  
**Pro-life movement**
- Abortion — Religious aspects — Catholic Church**  
*Dewey:* 241
- Abortion rights movement  
*Use:* **Pro-choice movement**
- Abrasives**  
*Dewey:* 553.6  
*Broader Term(s):* **Ceramics**
- Abridgements  
*Use:* **Abridgments**
- Abridgments**  
*Dewey:* 800  
*Scope Note:* Use for individual works, collections, or materials about abridgments.  
*Use For:* Abridgements; Condensed books  
*Broader Term(s):* **Literature**
- Absence from school  
*Use:* **School attendance**
- Absentee fathers**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 306.874  
*Broader Term(s):* **Absentee parents**  
**Fathers**
- Absentee parents**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 306.874  
*Use For:* Parents, Absentee



- Related Term(s):* **Life (Biology)**
- Life (Biology)**  
*Dewey:* 570.1  
*Scope Note:* Use for materials on life from a scientific point of view. Materials on philosophical or religious considerations of life are entered under **Life**.
- Broader Term(s):* **Biology**  
*Narrower Term(s):* **Biosphere**  
**Gaia hypothesis**  
**Genetics**  
**Life cycles (Biology)**  
**Middle age**  
**Protoplasm**  
**Reproduction**
- Related Term(s):* **Life**
- Life — Origin**  
*Dewey:* 113  
*Use For:* Germ theory; Origin of life  
*Broader Term(s):* **Evolution**
- Life after death  
*Use:* **Future life**  
**Immortality**
- Life care communities**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 362.61; 363.5  
*Scope Note:* Use for materials on retirement communities that guarantee services and medical care for the rest of a person's life.  
*Use For:* Continuing care communities; Continuing care retirement communities  
*Broader Term(s):* **Retirement communities**
- Life change events**  
*Dewey:* 155.9  
*Use For:* Events, Life change; Experiences, Life change  
*Broader Term(s):* **Developmental psychology**  
*Related Term(s):* **Stress (Psychology)**
- Life cycles  
*Use:* **Life cycles (Biology)**
- Life cycles (Biology)**  
*Dewey:* 571.8  
*Use For:* Life cycles  
*See Also:* types of plants or animals with the subdivision *Life cycles* [to be added as needed]  
*Broader Term(s):* **Biology**  
**Cycles**  
**Life (Biology)**
- Life expectancy**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 304.6  
*Use For:* Expectancy of life; Expectation of life  
*Broader Term(s):* **Age**  
**Life**  
**Vital statistics**  
*Narrower Term(s):* **Longevity**
- Life histories  
*Use:* **Biography**
- Life insurance**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 368.32  
*Use For:* Insurance, Life  
*Broader Term(s):* **Insurance**  
*Narrower Term(s):* **Group insurance**  
*Related Term(s):* **Annuities**
- Life on other planets**  
*Dewey:* 576.8  
*Scope Note:* Use for materials on the possibility of indigenous life in outer space. Materials on the biology of humans or other earth creatures while in outer space are entered under **Space biology**.  
*Use For:* Astrobiology; Extraterrestrial life  
*Broader Term(s):* **Astronomy**  
**Planets**  
**Universe**  
*Narrower Term(s):* **Extraterrestrial beings**  
**Interstellar communication**  
**Human-alien encounters**
- Life quality  
*Use:* **Quality of life**
- Life saving  
*Use:* **Lifesaving**
- Life sciences**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 570  
*Use For:* Biosciences  
*Broader Term(s):* **Science**  
*Narrower Term(s):* **Agriculture**  
**Biology**  
**Medicine**
- Life sciences ethics  
*Use:* **Bioethics**
- Life skills**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 158; 646.7  
*Scope Note:* Use for materials on skills needed by an individual to exist in modern

- society, including skills related to education, employment, finance, etc.
- Use For:* Basic life skills; Coping skills; Functional competencies; Fundamental life skills; Life skills guides; Living skills; Personal life skills
- See Also:* groups and classes of persons with the subdivision *Life skills guides*, e.g. **Elderly — Life skills guides** [to be added as needed]
- Broader Term(s):* **Interpersonal relations**  
**Success**
- Narrower Term(s):* **Conduct of life**  
**Older people — Life skills guides**  
**Self-help techniques**  
**Self-improvement**  
**Social skills**  
**Study skills**  
**Survival skills**
- Related Term(s):* **Human behavior**
- Life skills guides  
*Use:* **Life skills**
- Life span prolongation  
*Use:* **Longevity**
- Life styles  
*Use:* **Lifestyles**
- Life support systems (Medical environment)**  
*Dewey:* 362.1  
*Broader Term(s):* **Hospitals**  
**Terminal care**
- Life support systems (Space environment)**  
*Dewey:* 629.47  
*Broader Term(s):* **Ergonomics**  
**Space medicine**  
*Narrower Term(s):* **Apollo project**  
**Lunar bases**  
**Space suits**
- Life support systems (Submarine environment)**  
*Dewey:* 627  
*Broader Term(s):* **Ergonomics**
- Life, Future  
*Use:* **Future life**
- Life-work balance  
*Use:* **Work-life balance**
- Lifeguards**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 797.21  
*Broader Term(s):* **Water safety**
- Lifelong education  
*Use:* **Adult education**  
**Continuing education**
- Lifesaving**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 363.1  
*Use For:* Life saving  
*Broader Term(s):* **Rescue work**  
*Related Term(s):* **First aid**
- Lifestyles**  
*Geographic Note:* May subdivide geographically  
*Dewey:* 306  
*Use For:* Life styles  
*See Also:* types of lifestyles [to be added as needed]  
*Broader Term(s):* **Human behavior**  
**Manners and customs**  
*Narrower Term(s):* **Alternative lifestyles**  
**Counterculture**  
**Unmarried couples**
- Lift-the-flap books**  
*Dewey:* 099  
*Scope Note:* Use for individual works, collections, or materials about lift-the-flap books.  
*Broader Term(s):* **Picture books for children**  
**Toy and movable books**
- Lifts  
*Use:* **Elevators**  
**Hoisting machinery**
- Light**  
*Dewey:* 535  
*Broader Term(s):* **Electromagnetic waves**  
**Physics**  
*Narrower Term(s):* **Color**  
**Lasers**  
**Lighting**  
**Luminescence**  
**Refraction**  
*Related Term(s):* **Optics**  
**Photometry**  
**Radiation**  
**Spectrum analysis**
- Light — Therapeutic use  
*Use:* **Phototherapy**
- Light and shade  
*Use:* **Shades and shadows**
- Light production in animals  
*Use:* **Bioluminescence**
- Light ships  
*Use:* **Lightships**