

# 500

## Dewey Decimal System

000 Computer science, information, & general works • 100 Philosophy & psychology • 200 Religion • 300 Social sciences  
400 Language • 500 Natural sciences • 600 Technology • 700 Arts & recreation • 800 Literature • 900 History & geography

### 500 Natural sciences & mathematics

- 501 Philosophy & theory
- 502 Miscellany
- 503 Dictionaries & encyclopedias
- 504 [unassigned]
- 505 Serial publications
- 506 Organizations & management
- 507 Education, research & related topics
- 508 Natural history
- 509 Historical, geographic & persons treatment

### 510 Mathematics

- 511 General principles of mathematics
- 512 Algebra
- 513 Arithmetic
- 514 Topology
- 515 Analysis
- 516 Geometry
- 517 [unassigned]
- 518 Numerical analysis
- 519 Probabilities & applied mathematics

### 520 Astronomy & allied sciences

- 521 Celestial mechanics
- 522 Techniques, equipment & materials
- 523 Specific celestial bodies & phenomena
- 524 [unassigned]
- 525 Earth (Astronomical geography)
- 526 Mathematical geography
- 527 Celestial navigation
- 528 Ephemerides
- 529 Chronology

### 530 Physics

- 531 Classical mechanics; solid mechanics
- 532 Fluid mechanics; liquid mechanics
- 533 Gas mechanics
- 534 Sound & related vibrations
- 535 Light & infrared & ultraviolet phenomena
- 536 Heat
- 537 Electricity & electronics
- 538 Magnetism
- 539 Modern physics

### 540 Chemistry & allied sciences

- 541 Physical chemistry
- 542 Techniques, equipment & materials
- 543 Analytical chemistry
- 544 [unassigned]
- 545 [unassigned]
- 546 Inorganic chemistry
- 547 Organic chemistry
- 548 Crystallography
- 549 Mineralogy

### 550 Earth sciences

- 551 Geology, hydrology & meteorology
- 552 Petrology
- 553 Economic geology
- 554 Earth sciences of Europe
- 555 Earth sciences of Asia
- 556 Earth sciences of North America
- 557 Earth sciences of South America
- 558 Earth sciences of other areas

### 560 Paleontology; paleozoology

- 561 Paleobotany; fossil microorganisms
- 562 Fossil invertebrates
- 563 Fossil marine & seashore invertebrates
- 564 Fossil mollusks & molluscoids
- 565 Fossil arthropods
- 566 Fossil chordates
- 567 Fossil cold-blooded vertebrates; fossil fishes
- 568 Fossil birds
- 569 Fossil mammals

### 570 Life sciences; biology

- 571 Physiology & related subjects
- 572 Biochemistry
- 573 Specific physiological systems in animals
- 574 [unassigned]
- 575 Specific parts of & systems in plants
- 576 Genetics & evolution
- 577 Ecology
- 578 Natural history of organisms
- 579 Microorganisms, fungi & algae

### 580 Plants (Botany)

- 581 Specific topics in natural history
- 582 Plants noted for characteristics & flowers
- 583 Dicotyledons
- 584 Monocotyledons
- 585 Gymnosperms, conifers
- 586 Seedless plants
- 587 Vascular seedless plants
- 588 Bryophytes
- 589 [unassigned]

### 590 Animals (Zoology)

- 591 Specific topics in natural history
- 592 Invertebrates
- 593 Marine & seashore invertebrates
- 594 Mollusks & molluscoids
- 595 Arthropods
- 596 Chordates
- 597 Cold-blooded vertebrates, fishes
- 598 Birds
- 599 Mammals

