COLORADO
Department of Education

Educator Talent Division
http://www.cde.state.co.us/educatortalent

Endorsement Worksheet – Science (Grades 6-12)

Not for use for demonstrating Multiple Measures of Content Competency

Applicant

Legal name: Date:

Requirements

Professional competency in this content area must be demonstrated by one of the following pathways:

A. 24 semester hours of college-level coursework completed at a regionally accredited college/university that meet the minimum requirement in each of the areas listed below (must have a B- or higher in each category). Documented professional development or work experience in the specific categories may satisfy up to 6 semester hours.
OR

B. An earned bachelor's or higher degree in General Science, Biology, Chemistry, Physics or Geology.
OR

C. A passing score on the following Science content exam:

- ☐ PRAXIS #5436 / 141 or higher
- ☐ PRAXIS #5435 / 152 or higher (accepted through 08.31.2028 if taken before 08.31.2023)

Required content coursework categories	Coursework (B- or better)	Semester Hours	FOR OFFICE USE ONLY
Physical Science: **Includes laboratory experience** (6 semester hours) 3 semester hours must include courses within physics (e.g., general, experimental, mechanics, electricity, magnetism, quantum and atomic, sound, or optics) 3 semester hours must include courses within chemistry (e.g., general, organic, biochemistry, inorganic, analytical, or physical)			
Biological Science: **Includes laboratory experience** (6 semester hours) e.g., general, environmental, biotechnology, genetics, evolution, anatomy & physiology, ecology, molecular biology, or matter & energy in living systems			
Earth and Space Science: **Includes laboratory experience** (6 semester hours) e.g., historical and physical geology, astronomy, environmental science, meteorology, oceanography, geomorphology, stratigraphy, mineralogy, or earth systems			
Mathematics (3 semester hours) e.g., algebra, calculus, applied mathematics, statistics			
Science Methods (3 semester hours) **Includes experiences with laboratory safety** e.g., science methods, pedagogy for science teachers, scientific experimentation, interconnected nature of science, inquiry-based instruction, conceptual science, laboratory safety and legal requirements **OR** 3 additional semester hours in one of the above content requirements			
Total semester hours (24 semester hours required)			