

# California State Standards and the e-Science Online Learning Program

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This information shows you how the e-Science Learning Program not only meets but exceeds all California State Standards for Physical Science, and meets quite a few in other areas as well. You can use this as a basis for your own state's standards or ask us for help if you have trouble finding a correlation between our lessons/units and your state requirements. *Note that the grades indicated below do not specify which grade level the Unit should be taught to, but rather which requirement would be met if your child were going through a classroom designed only to meet state standards.*

- [Unit 1, Forces](#) covers:
  - [Grade 2, section 1a-e](#)
  - [Grade 8, section 2a-g](#)
- [Unit 2, Motion](#) covers:
  - [Grade 2, section 1b](#)
  - [Grade 8, section 1a-f](#)
- [Unit 3, Matter](#) covers:
  - [Grade K, section 1a-c](#)
  - [Grade 1, section 1a-b](#)
  - [Grade 3, section 1e-i](#)
  - [Grade 5, section 1a-i](#)
  - [Grade 8, section 3a-f, 8a-d](#)
- [Unit 4, Energy 1](#) covers:
  - [Grade 7 section 6h,i](#)
- [Unit 5, Energy 2](#) covers:
  - [Grade 3, section 1b-d](#)
- [Unit 6, Sound](#) covers:
  - [Grade 2, section 1g](#)
  - [Grade 3, section 1d](#)
- [Unit 7, Astrophysics](#) covers:
  - [Grade 3, section 1a, 4a-d](#)
  - [Grade 5 section 5a-c](#)
  - [Grade 6, section 4b](#)
  - [Grade 8, section 2e-g, 4a-e](#)
  - [Grade 9, section 11a-g](#)
  - [Grade 11, section 1a-g, 2a-b](#)
- [Unit 8, Chemistry 1](#) covers:
  - [Grade 3, section 1e-i](#)
  - [Grade 5, section 1a-i](#)
  - [Grade 8, section 3a-f, 5a-e](#)
- [Unit 9, Light](#) covers:
  - [Grade 3, section 1a,d, 2a-d](#)
  - [Grade 6, section 4b](#)
  - [Grade 7 section 6a-g](#)
- [Unit 10, Electricity](#) covers:
  - [Grade 4, section 1a,g](#)
- [Unit 11, Magnetism](#) covers:
  - [Grade 2, section 1f](#)
  - [Grade 4, section 1a-g](#)
- [Unit 12, Alternative Energy](#) covers:
  - [Grade 3, section 1a,d, 2b](#)
  - [Grade 6, section 4b](#)
  - [Grade 7 section 6a-g](#)
- [Unit 13, Thermodynamics](#) covers:
  - [Grade 3, section 1c,f](#)
  - [Grade 5, section 3b,c](#)
  - [Grade 6, section 3a-d](#)
  - [Grade 9, section 7a-f](#)
- [Unit 14, Electronics](#) covers:
  - College-level material
- [Unit 15, Chemistry 2](#) covers:
  - [Grade 5, section 1a-i](#)
  - [Grade 8, section 3a-f, 5a-e, 7a-c](#)
  - [Grade 9, section 1a-j, 2a-h, 3a-g, 4a-l, 5a-g, 6a-f, 7a-f, 8a-d, 9a-c](#)
- [Unit 16](#) and Unit 17, Life Science covers:
  - [Grade 1, section 2a-e](#)
  - [Grade 2, section 2a-f](#)
  - [Grade 3, section 3a-e](#)
  - [Grade 4, section 2a-c, 3a-d](#)
  - [Grade 5, section 2a-g](#)
  - [Grade 6, section 7a-e](#)
  - [Grade 7, section 1a-f, 2a-e, 7a-e](#)
  - [Grade 8, section 6a-c](#)
- Unit 18-19, Biology covers:
  - [Grade 7, section 5a-c, f, g](#)
  - Grades 9-12 (TBD)
- [Advanced Projects](#)
  - [Grade 1, section 4a-c](#)
  - [Grade 2, section 4a-g](#)
  - [Grade 3, section 5a-e](#)
  - [Grade 4, section 6a-f](#)
  - [Grade 5, section 6a-i](#)
  - [Grade 6, section 7a-c](#)
  - [Grade 7, section 7d-e](#)
  - [Grade 8, section 9a-g](#)
  - [Grades 9-12, section 1a-n](#)