

Websites—Resources for Science Lesson Plans/Activities

sharemylessons

This site has thousands of lesson plans separated by science disciplines, including Earth and Space Science, Life, Science, Physical Science, Science and Engineering Practices, and Computer Science.

Specific science disciplines are further categorized by subtopics. Life Science lesson plans, for example, are further categorized into topics such as Biological Evolution, Cell Biology, Ecology, Systems in the Human Body, and Using similarities to Classify Organisms.

Standards are listed and you can search by Collections (Holidays and Events, Parents, Family, and Community Engagement Resources, Classroom Management and Teaching Strategies, and more) and by Resource Type (Assessment Digital Tool, Games, Graphic Organizers, and more.)

Middle School

[https://sharemylesson.com/search?grade%5B0%5D=middle_school&subject%5B0%5D=life_sci
ence](https://sharemylesson.com/search?grade%5B0%5D=middle_school&subject%5B0%5D=life_sci ence)

High School

[https://sharemylesson.com/search?grade\[\]=middle_school&subject\[\]=life_science&f\[\]=curriculu
m_tree%3A28571%2F28733](https://sharemylesson.com/search?grade[]=middle_school&subject[]=life_science&f[]=curriculum_tree%3A28571%2F28733)

teAchnology

Search for science lesson plans for Grades 6—8 and 9—12 for a variety of science subjects. You can find lots of great resources, including engaging videos and activities, but some searches yield non-science lesson plans and activities meant for lower grades. They are clearly identified, however, so you do not waste a lot of time looking at lesson plans only to discover you can't use them. Still, a good resource.

Grades 6—8

http://www.teach-nology.com/teachers/lesson_plans/science/68/

Grades 9—12

http://www.teach-nology.com/teachers/lesson_plans/science/912/

Better Lesson

Thousands of science lesson plans for Biology/Life Science, Earth and Space Science, Physical Science, Forensic Science, Psychology, and Chemistry contributed and reviewed by experienced teachers. You can browse standards, and find master teacher lessons and lesson

plans for community topics. (Community topic lesson plans are mostly non-science, but if you teach multiple disciplines, this may be a good resource for you.)

Lesson plans are listed by grade level from pre-kindergarten through college. Non-science lesson plans are also available.

Middle School https://betterlesson.com/community/directory/middle_school/science

High School https://betterlesson.com/community/directory/high_school/science

Next Gen Lesson Plans—Biology

Free biology lesson plans, labs and experiments, activities, worksheets, projects, tests, quizzes and exams, and multimedia resources created by NGSS Life Science and teachers. The site also provides classroom management strategies resources. Science lesson plans by subject include animal science, cell organelles and transport, cellular respiration and photosynthesis, DNA, RNA protein synthesis, ecology, genetics, human body system, plant science, and more.

Registration for editable lesson plans started in Summer 2017. Lesson plans are downloadable from the site and most are aligned to NGSS and Common Core Standards.

http://www.ngsslifescience.com/biology_lesson_plans.html

Middle School Resources

This site has middle school science projects, but no lesson plans. Searching by Science Projects and Middle School brings up lots of simple projects that can be easily used as labs for a variety of middle school science topics. A brief description of the topic, an image of the setup, and the link to download the activity/project are available. The link to the projects is listed below.

The site has various grade levels listed.

You must join Education.com for free access to the projects and other resources on the site by completing a short form to create an account.

<https://www.education.com/resources/lesson-plan+science-fair/middle-school/science/>

Middleschool.net

This resource-rich site has general science lesson plans and lesson plans categorized for Chemistry, Oceanography, Atmosphere and Weather, Biology, and Astronomy. There are also links to curriculum resources for a variety of science disciplines, reference materials links, technology resources, activities and more.

<http://www.middleschool.net/lessplan/science/scilp.htm>

The Science Spot: A Resource for Junior High Science Teachers and Students

Lots of activities for a variety of science topics, such as astronomy, ecology, chemistry, earth science, physics, biology, metrics, forensics and more.

There are also links to resources such as NGSS Resources, Science Club (project ideas), Science Education Links, Kid Zone, and the Idea Factory.

<http://sciencespot.net/>

HotChalk Lesson Plans: Lesson Plans By Teachers For Teachers

This site has many lesson plans for junior high and middle school science subjects. You can use the search function and also filter by subject (other subjects are also available on this site) and by grade level. Each lesson plan includes objectives, assessment strategies (including some tests), resources needed for the lesson such as PowerPoint presentations and handouts, key terms, and instructional activities. Related lesson plans are also listed.

Because the lesson plans are submitted by teachers, there is some variability in what comes with each lesson.

<http://lessonplanspage.com/science/middle-school-junior-high/>

Science Lesson Plans and Resources for K-12 Teachers

A great resource with many links to lesson plans from a variety of educational organizations, including National Geographic Science Lessons, Smithsonian Education: Science and Technology, Discovery Education, Newton's Apple Science Teacher's Guides, Education World, National Wildlife Federation, NOAA Ocean Service Education, NASA for Educators, and more.

This site also lists links to examples of different types of rubrics.

<http://www.eds-resources.com/edsci.htm>