Vermont 4-H Project Descriptions

Typically, a project has a piece of specific

cur r iculum or an individual topic expert (e.g. a

veter inar ian) that guides it, with the project

taking place over a long period of t ime (6 hours

or more) in a sequential manner . An

Cavy ʹ Learn about the care, nutrition and
management of the cavy.

 Llama ʹ Explore the llama and alpaca industry
and learn how they make excellent pets and
working animals, and also produce wool for
textiles. Learn about care, grooming, feeding,
training, social behavior and communication,
fiber types, guard llamas, showing, judging and
careers.
Communication Arts

Communication Art ʹ could be signing or learn
how to express yourself and communicate
better. Nonverbal, verbal, and written activities
will stretch and strengthen your
communications skills, whether you're talking
to a friend, writing, or making a presentation to
a group. Learn about communication careers,
writing resumes, interviewing for a job, dealing
with anxiety and much more.
Public speaking ʹ Learn what makes a great
speech, make one and present it publicly.

Demonstration ʹ Learn how to properly prepare
and give a demonstration or talk. This may
include any number of props such as posters
and PowerPoint.

Reporting Media ʹ Learn the types of media
reporting do a type of report and present it
publicly.

Performing Arts -Develop and present stories
through acting, mime, movement, puppetry,
and technical theater. Learn acting techniques
and improvisation, costume and set design,
makeup techniques, and technical stage lighting
and sound. And if you're musically inclined,
write a musical, sing or play an instrument

Visual Arts ʹLearn skills, techniques and tools in
drawing, painting, sculpting, printing, fiber arts,
or graphic design. Visit art galleries, art shops,
or an artist's studio. Let your imagination run
wild and express yourself creatively while you
strengthen your abilities.
Photography and Video -Tell your story using
photography! Learn about equipment basics,
taking sharper pictures, lighting and flash
techniques, photo composition, approaches,
sequencing, and evaluating photographs. Use
multiple cameras and even assemble a whole
production team. Learn about video production
and filmmaking, including composition, camera
and lighting techniques, editing and more.

Science and Technology

Science and Technology ʹ ability to understand
applied knowledge, expertise and disciplines
attained through study of the physical world.

Biological Sciences-the discipline and knowledge
base applied to life and living processes.

Entomology and Bees - In this project, identify
insects, make a collection net or jar, pinning
block, spreading board and display case. Learn
about experiments, research and careers.

Marine Science-Learn about marine biology
including plant and animal life in the ocean.
Marine science focuses on biological aspects of
the ocean while the oceanography focuses on
the geologicals os n8rs03.04 TfcogeuparinMarine science rT
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Electricity ʹ Learn how electricity works. Build
circuits and test voltages. Learn about wiring,
lighting, safety issues, and more. Activities may
include building a rocket launcher, burglar
alarm, flashlight, compass, electromagnet or
electric motor.

Engines, tractors, field equipment ʹ Learn about
internal and external engine parts, tools, rules
and regulations, safety issues, and career
possibilities. Troubleshoot problems with an
engine, rebuild it and operate it safely.

Wood Science ʹLearn skills wood-workers use,
such as measuring, squaring and cutting a
board, sanding, drilling, and driving nails.
Routers, joiners, table saws, tape measures,
drills, sand paper and glue are some of the tools
you will use to build projects of your choice

Industrial Arts ʹ making and using technical
plans; developing dexterity and familiarity with
tools, machines and processes for construction
and repair.

Physical Science - the natural sciences that deal
primarily with non-living materials.

Digital Photography ʹ Learn how newer digital
cameras work, how to download photos and
manipulate them to enhance or edit your
images.

Personal Development

Personal Development ʹ expand your own
knowledge and capabilities by learning your
strengths and weaknesses and ways to
overcome or enhance those attributes.

Career Exploration ʹ Learn about career
opportunities through individual or group study
under the direction of a leader.

Hobbies & collections ʹ Hobbies are [practiced
for interest and enjoyment. Various 4-H Hobby
projects may focus on collecting, art, making or
tinkering.

Leadership - Learn about yourself and what you
can do. Learn how to work with and lead others
at home, at school, and in the community.

Environmental Stewardship

Earth, Water, Air -Study physio-chemical
aspects of the environment; the lithosphere
(geology, minerals), hydrosphere (water), and
atmosphere (weather and climate)

Forestry ʹ Forestry is the science of managing

toys, nutritious snacks for children, and how to
create a poem, story or game.
Clothing and Textiles - Learn the basics of
sewing construction and how to make simple
clothing and accessories. Develop skills in
design and fashion illustration, business and
marketing, technology in sewing, and learn
about careers in the textile industry.
Consumer Education - Improve your money
management skills and become a more
informed consumer. Learn to distinguish
between wants and needs, identify, set and
evaluate goals, track expenses and income, and
more.
Home Environment - Learn all about the home
environment from decorating a room and
arranging furniture to landscaping.

Healthy Lifestyles

Food and Nutrition - Learn how to pick healthy
foods, prepare nutritious meals, and make
smart food purchases. Discover the science
behind making food and food preservation and
keeping it safe. Explore careers related to food
and nutrition.

Healthy Lifestyles - Discover the benefits to
being fit and design your own personal fitness
plan; explore hygiene and nutrition; or learn
first aid skills such as how to treat cuts,
nosebleeds, bee stings, and broken bones,
assemble a first aid kit; and interview members
of the medical profession

Safety ʹ Learn to keep yourself safe and help
others stay safe, too. Learn about safety for
water, fire, electricity and recreational vehicles
(bikes, ATVs, snowmobiles, jet skis, boats, etc.).
Identify farm hazards and make them less
dangerous. Make a first aid kit or a winter
survival kit.

Bicycle