

Wisconsin 4-H Youth Development
SUGGESTED COUNTY FAIR CLASSES IN:
Aerospace, Child Development, Electricity, Entomology, Flowers, Health,
House Plants, Theatre Arts, Woodworking, Vegetable Garden

AEROSPACE CURRICULUM

STAGE 1: PRE-FLIGHT

Edible rocket
Display comparing birds to airplanes
Poster of aerospace careers
Homemade space helmet

STAGE 2: LIFT-OFF

Drinking straw rocket
Gnome rocket
Paper airplane
Homemade map
Display of different types of aircraft
Poster on how weather affects flying
Diamond kite
Hot-air balloon model
Paper helicopter
Display of airplane parts and their functions

STAGE 3: REACHING NEW HEIGHTS

Drinking straw and balloon rocket
Paper flight simulator
Feather wing glider
Controllable glider
Shuttle on a string demonstrator
Balloon shuttle
Nagasaki Hata fighter kite
Display of remote control parts and their functions
Display of helicopter parts and their functions
Paper hang glider

STAGE 4: PILOT IN COMMAND

Model rocket
Altitude tracker
Poster on how to earn a pilot's certificate
Display of a navigation system
Flat-style box kite
Personal career profile

CHILD DEVELOPMENT CURRICULUM

STEP ONE: GROWING ON MY OWN

Bloomin Bag
My Learning Box
Story masks
Display of early morning time clock and personal morning routine
Display of hats depicting some of the roles that you play
Display of the safety hazards in your home and how you dealt with them
Choke-tube tester

STEP TWO: GROWING WITH OTHERS

Home Alone board game
A personal self-care plan for when you're home alone
Picture showing unsafe conditions and how you dealt with them
Age-appropriate toy chart
Friendship Chain

Friendly Fringed Flyer kite

Child development puzzle
Family tree or mobile
Family rules worksheet
Family meal report
Home safety checklist
Baby's Toy Box
Street Smart Game

STEP THREE: GROWING IN COMMUNITIES

Child Development Career Watch game
Child Development Observation Record Sheet
Evaluation of TV programs for kids
Accessibility checklist or report
Friendship Guidebook
Display on the diversity of families in your community

Intergenerational community service project
Report on the roles and responsibilities of parenthood
Display on your teaching experience

Puppet show on teaching discipline to toddlers
Playground safety plan
Playground first aid kit

ELECTRICITY CURRICULUM

UNIT 1: MAGIC OF ELECTRICITY

Homemade flashlight
Simple switch
Circuit with two batteries and one light bulb
Compass
Electromagnet
Galvanometer
Electric motor

UNIT 2: INVESTIGATING ELECTRICITY

Circuit diagrams with explanation
Series circuit
Parallel circuit
Momentary switch
Three-way switch
Soldered connection
Rocket launcher
Burglar alarm

UNIT 3: WIRED FOR POWER

Electrical tool and supply kit
Display of symbols on wires and cables and their meanings
Display of light bulbs and the jobs they do best
Poster on how to read an appliance nametag
Chart showing the electrical usage of appliances
Poster on how to replace a switch

UNIT 4: ENTERING ELECTRONICS

Display of electronic parts
Diode
Transistor
Light emitting diode (LED)
LED flasher
Photocell alarm
Light meter
Silicon controlled rectifier (SCR) intruder alarm
6-8 watt amplifier with integrated circuit

ENTOMOLOGY CURRICULUM

UNIT 1: CREEPY CRAWLIES

Display of insect body parts
Pitfall insect trap
Insect observation records
Model of an insect's eye
Display on types of insect control in the home
Insect display
Display on animals and plants that eat insects

UNIT 2: WHAT'S BUGGING YOU?

Poster on how insects use color for defense
Insect collection or observation records
Insect trap
Display on entomology careers
Insect display
Poster on proper insect pinning techniques
Report on an insect experiment
Poster on insect metamorphosis
Display of insect leg parts
Display of various types of insect legs
1 Insect extractor
1 Insect separator

1 Poster on understanding insect pesticide labels

UNIT 3: DRAGONS, HOUSES AND OTHER FLIES

Insect collection or observation records
Report on an insect experiment
Insect key
Butterfly garden plans

Display of insect mouth parts
Display of various types of insect mouths
Mosquito rearing/observation chamber
Spider web display
Display of insect wing parts
Display of various types of insect wings
1 Insect journal
1 Insect display

FLOWERS CURRICULUM

UNIT 1: BUDDING GARDENERS

Display on germination
Display on the needs of plants
Compost column
Display on plant tropism
Plant started from a cutting
Display on pollination
Line flower arrangement
Dish garden

Poster on benefits of mulching
Outdoor flower garden plan
Display on plant pests
Mass flower arrangement

UNIT 2: BRANCHING OUT

Display on the needs of plants
Hydroponically grown plant
Terrarium
Poster on making a compost pile
Transplanted plant
Soil sample and test results

UNIT 3: DIGGING DEEPER

Site analysis and landscape plan
Plant experiment
Line-mass flower arrangement
Display on forcing bulbs
Illustrated talk on a horticultural topic
Video on how to propagate perennials by the division method
Marketing plan to sell horticulture products
Poster on horticulture careers

HEALTH CURRICULUM

K-2: EXPLORING YOUR BODY

Poster on proper hand washing techniques
Poster on proper grooming and personal hygiene
Poster on proper teeth brushing techniques
Poster on family doing our favorite things
Poster of creative expression using squiggle art
First-aid kit
Model of Food Guide Pyramid
Poster on food package labels
Poster on feelings
Collage on myself
1 Poster on exercise benefits

LEVEL A: DISCOVERING MYSELF

Display on a healthy diet
Display on fitness
Display on how smoking affects lungs
Brochure on myself, "This is me"
Poster that illustrates individual uniqueness
Display on how to reduce stress
Personal study-space analysis
Display on home safety hazards

LEVEL B: FUN WITH FRIENDS

Display on how smoking affects lung capacity
Display on calculating target heart rate
Display on the effects of alcohol
Friendship want ad

Concept map
Display on stress management
Personal values crest or mural
Poster on ethnic diversity in my county
Display on handling sports injuries
Display on injury and accident prevention

LEVEL C: TEEN TALK

Display on how media can affect self-image
Poster on nutrient values of a fast-food meal
Personal physical activity plan
Display on preventing sexual assault
Display on eating disorders
Display on AIDS/STD prevention
Display on stress management
Display on study tips

Display on time management
Public service announcement about a health issue
1 Personal letter written to a legislator

LEVEL D: PREPARING FOR THE FUTURE

Poster on pregnancy prevention
Display on skin cancer prevention
Public service announcement on violence prevention
Poster on blood alcohol content
Display on stress management
Poster on non-violent ways to resolve conflict
Display on teen pregnancy
Poster on the cost of raising a baby
Personal resume

HOUSE PLANTS CURRICULUM

UNIT 1: BUDDING GARDENERS

Display on germination
Display on the needs of plants
Compost column
Display on plant tropism
Plant started from a cutting
Display on pollination
Dish garden

Terrarium
Poster on making a compost pile
Transplanted plant
Soil sample and test results
Poster on benefits of mulching
Display on plant pests

UNIT 2: BRANCHING OUT

Display on the needs of plants
Plant propagated using air layering method
Hydroponically grown plant

UNIT 3: DIGGING DEEPER

Plant experiment
Teaching plan for herb gardening
Illustrated talk on a horticultural topic
Marketing plan to sell horticulture products
Poster on horticulture careers

THEATRE ARTS CURRICULUM

ACT ONE: JOURNEY INTO THE IMAGINATION

Costume created for a character, including a written "Day In My Life" monologue
Puppet made by exhibitor (no kits)
Magic box
Three-panel picture story
Poster, exhibit or display not listed above

Collage of puppet types from around the world
Sound-effects box for a short play, including a copy of the play marked for sound
and all props needed to make sound effects labeled to go with the play
Puppet made by exhibitor (no kits), including an original written "Life Story"
Homemade color wheel and light rainbow
Display on make-up

ACT TWO: SOARING INTO ACTION

Monologue based on a nursery rhyme character (no more than three hand-written pages)
Poster, exhibit or display not listed above

ACT THREE: QUEST FOR EXPRESSION

"Three-word" script (no more than two typed pages)
Report on puppets of the world (no more than two typed pages)
Display on light and shadow
Shadow puppet (no kits)
"Open scene" script with two possible interpretations (no more than two typed pages)
Display of props for a well-known fairy tale or specific culture
Costume for a character representing a specific culture
Poster, exhibit or display not listed above
Video of personal acting

ACT FOUR: VOYAGING BEYOND

Display on character development
Puppet created by exhibitor used in community service project, including description of project
Set design, costume list and prop list for a selected play, including script
Videotape of me and my helper completing the "Putting It On the Line" or "Life Stories" activities
Exhibit on diction
Original short performance piece
10-20 sentence, character-based monologue
Scenic design model for a well-known play, including title and short description of play
Play promptbook
Display on stage lighting
1 Puppet video
1 Poster, exhibit or display not listed above
1 Video of personal acting

WOODWORKING CURRICULUM

UNIT 1: MEASURING UP

Sandpaper block
Poster of common woodworking tools
Poster of important woodworking safety practices
Display of different nails and screws
Rabbit puzzle
Airplane
Wooden box
Letter holder
Picture frame

UNIT 2: MAKING THE CUT

Display of different species of wood
Plan for a wooden item drawn to scale
Display of different finishes
Whistle
Sawhorse
Birdhouse
Tool box
Foot stool

UNIT 3: NAILING IT TOGETHER

Poster of woodworking careers
Display of different wood fasteners
Poster of different types of wood clamps
Display of different types of wood stains
Boomerang
Belt buckle
Puzzle
Bookshelf

UNIT 4: FINISHING UP

Poster of advanced woodworking tools
Plans of current and ideal woodworking shop
Display of different adhesives
Poster of important safety practices when working with chemicals
Toy car
Table-top hockey board
Step stool/chair

Toy dog

Door knocker

VEGETABLE GARDEN CURRICULUM

UNIT 1: BUDDING GARDENERS

Display on germination
Display on the needs of plants
Compost column
Display on plant tropism
Plant started from a cutting
Display on pollination
Line flower arrangement
Dish garden
Container vegetables
Outdoor vegetable garden plan

UNIT 2: BRANCHING OUT

Display on the needs of plants
Hydroponically grown plant
Poster on making a compost pile
Transplanted plant
Soil sample and test results
Poster on benefits of mulching
Display on plant pests

UNIT 3: DIGGING DEEPER

Display of a cold frame
Plant experiment
Illustrated talk on a horticultural topic
Marketing plan to sell horticulture products
Poster on horticulture careers

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