

Federal ES-237 Codes Definitions For Curriculum Classification

A. CITIZENSHIP AND CIVIC EDUCATION- preparation for roles as a member of society, legal proceedings, public policy and inter-relations.

AB Citizenship (local, state, national)- understanding government and active participation in community life and community problem solving.

AC Cultural Education including:

Heritage- passing on valued knowledge, skills and tradition to succeeding generations;

Diversity/Pluralism- more than one culture, national origin, race or creed;

Exchanges- reciprocal visits, and/or inbound or outbound delegate(s).

AD Global Education including: world wide programming, international exchange programs for youth enrolled in 4-H.

AE Intergenerational Programming- Educational efforts to link youth to another generation in a common cause.

AF Understanding Physical and Mental Limitations- appreciation and acceptance of disabilities, handicaps.

AG Volunteerism- Learning about the importance and nature of services done of one's own free will, for the benefit of others.

AH Service Learning- Acquiring personal skills and knowledge in the process of performing service for others through an organized program, followed by personal reflection.

AI Community Service-

B. COMMUNICATIONS AND EXPRESSIVE ARTS- Skills of expressing, imparting, and conveying information to others.

BA Communications Arts- interchange of thought or information as a verbal or written message.

BAA Speaking/Radio/T.V.- Demonstrations, Public Speaking, Illustrated Talks, preparing programs for radio and/or T.V.

BAB Writing/Print- Journalism, written communication, creative writing, poetry.

BB Performing Arts- communicating through action displaying a special skill as a public exhibition.

BBA Clowning/Mime- Entertaining through pantomime and/or role playing acts.

BBB Dance/Movement- Rhythmic and harmonized body movement, spontaneous or controlled.

BBC Drama/Theater- Performance and appreciation of acting.

BBD Music/Sound- Vocal and instrumental performance, appreciation and theory.

BC Visual Arts- Give form and meaning through creative processes involving line, color, form, pattern and texture in two and three dimensions.

BCA Arts and Crafts- Knowledge or skill requiring some degree of manual dexterity in production of an aesthetic object.

BCB Drawing, Painting, Sculpting

BCC Graphic Arts, Displays, Exhibits

BCD Photography/Video

C. CONSUMER AND FAMILY SCIENCE- Development of consumer oriented, family related skills.

CA Child Development, Child Care, Babysitting.

CB Clothing and Textiles.

CC Consumer Education.

CD Home Environment- includes Home Improvement.

CE Parenting and Family Life Education.

D. ENVIRONMENTAL EDUCATION AND EARTH SCIENCES- General studies of human life and its relationship to other life forms on earth and the physical, biological and chemical environments.

DA Environmental Stewardship- (general) Cultivation of a personal commitment to responsible resource management which contributes to the quality of life for present and future generations. This includes knowing about and caring for the environment, and applying this concern through responsible action for the rest of our lives.

DB Earth, Water and Air- Studies which address mostly physio-chemical aspects of the environment; the lithosphere (geology, minerals), the hydrosphere (water), and atmosphere (weather and climate).

- DBA Geology and Minerals-** studies of sedimentary, igneous and metamorphic rocks, minerals and geologic processes through the earth's history.
- DBB Weather and Climate-** studies of local or regional atmospheric phenomena occurring over the short term (weather) as well as long term trends which are expressed as regional climates.
- DBC Soils and Soil Conservation-** studies of soils as plant growth media, construction materials and naturally occurring bodies. Soils represent the place where the earth's crust, the atmosphere, living things and water are most intimately mixed.

- DBD Water-** studies of the "universal solvent" which makes life possible, including: water supply and uses, the water cycle, water conservation and water pollution.

- DC Energy** (general, home, farm, transportation)- exploration of the basic principles of thermodynamics and physics and how these principles apply to energy use in various settings.

- DD Forests, Rangeland and Wildlife-** studies of renewable natural resources, mostly on non-cultivated and non-urban lands.
 - DDA Forestry-** studies of forested lands used for timber production, recreation, wildlife habitat and watershed.
 - DDB Range Science-** studies of wildlands used for grazing of domestic livestock, wildlife habitat, timber, watershed and recreation. Rangelands are generally too rocky, steep or arid for cultivation.
 - DDC Wildlife and Fisheries-** studies of wildlife and fish species in terms of life history, geographic distribution, bio-diversity, habitat, human utility, management and aesthetic values.

- DE Outdoor Education/Recreation-** Experiences that involve being in, using, employing or interpreting the natural environment.
 - DEA Adventure/Challenge-** outdoor activities which challenge the human spirit and body, such as hiking, primitive camping, survival training, orienteering and ropes courses.
 - DEB Shooting Sports-** use of firearms and archery equipment to facilitate personal goal setting, sportsmanship, confidence and safety. Shooting sports is perceived as a starting point for other environmental education areas.

- DF Waste Management-** consideration of the waste stream from extraction or harvest of raw materials through enviroshopping to disposal by landfilling or incineration. Waste management includes waste reduction, composting, re-use, recycling, waste-to-energy, waste stabilization and disposal.
 - DFA Composting-** transformation of organic waste to a useful mulch or soil amendment.

DFB Recycling- The purchase of materials with recycled content and diversion of materials back to useful processes with the goal of reducing energy use, reducing consumption of natural resources, and decreasing waste going to landfills and incinerators.

DFC Household Hazardous Waste- Family generated solid waste or refuse that contains materials that contains that are ignitable, corrosive, reactive or corrosive.

E. HEALTHY LIFESTYLE EDUCATION- related to a way of life or state of health for mind and body.

EA Chemical Health- the effects of chemical substances on one's physical and mental well-being.

EB Mental and Emotional Health- related to self understanding, self and stress management, and interpersonal relationships.

EC Foods and Nutrition- foodstuffs, their preparation, and the act of being nourished by wholesome sustaining food substances.

ECA EFNEP- Expanded Foods and Nutrition Education Program youth enrolled in 4-H.

ECB Foods Safety- related to protection and immunity of foodstuffs and diet.

ECC Foods Preservation- maintaining, perpetuating and safeguarding foodstuffs.

ED Physical Health- related to the body's well-being and wholeness.

EDA Fitness and Sports- learning about or participating in vigorous exertion, of whatever kind.

EDB Growth, Development and Disease- human development across the lifespan and the maintenance of well being.

EDC Home Nursing, First Aid/CPR- programs focused on management and care of the ill at home, emergency care and preparation.

EDD Sexual Health- understanding and learning about human sexuality.

EE Safety- programs/activities/projects that effect being secure or protected from hurt, injury, harm or loss.

EEA ATV Safety- all terrain vehicle safety.

EEB Automobile Safety (including seatbelts, etc.)

EEC Bicycle Safety

EED Communities for Child Safety- an interacting population of individuals in a common locale linked by child safety.

EEE Emergency Preparedness- being ready/prepared for unforeseen circumstances which call for immediate action.

EEF Tractor and Machinery Safety Certification- programs resulting in the certification of an individual to operate agricultural production equipment legally and safely.

- F. PERSONAL DEVELOPMENT AND LEADERSHIP-** relating to individual influence, excellence, conduct, motives, characteristics, traits, attitudes or habits.
- FA Career Exploration and Employability-** learning about alternatives in jobs, permanent callings and professions, the expectations and rewards of each, and workforce preparedness.
- FB Critical Thinking Skills-** learning to exercise careful judgement and evaluation.
- FC Economics, Business and Marketing-** study of principles underlying commerce, merchandising and entrepreneurship.
- FD Exploring 4-H-** (general introductory, for youngest participants).
- FE Hobbies and Collections-** Leisure interests which intensely absorb the individual's attention for over a long period of time, such as enjoyable avocations, (making or doing) or the accumulation of objects gathered for study, comparison or exhibition.
- FF Leadership Skills Development-** development of qualities necessary to work with and through others to accomplish goals.
- FG Leisure Education-** (General) Learning to transform free time into self discovery and personal fulfillment through the knowledge of self and available alternative activities.
- FH Personal Development-** (General) Expanding knowledge of self, and expanding capabilities.
- FI Reading Literacy-** encourages expanded ability to understand printed or written information.
- FJ Social Recreation Skills-** Freely chosen activities in which the motivation is the basic social drive, the need to interrelate with people.
- FK Values Clarification-** A process for examining and developing one's own attitudes and values.
- G PLANTS AND ANIMALS-** (applied biological sciences, production and pets).
- GA Ag in the Classroom-** In-school exploration of agriculture.
- GB Animals** (general, or specific species not on list below).
- GBA Aquaculture-** hydroponics and the cultivation of the natural produce of water, such as fish, crayfish, etc.

- GBB Beef-** domesticated bovine developed primarily for the efficient production of red meat.
- GBC Birds and Poultry-** domesticated birds, chickens, pigeons, waterfowl, and other warm-blooded, feathered animals.
- GBD Cats**
- GBE Dogs**
- GBF Dairy-** bovine bred and developed chiefly for milk production.
- GBG Goats-** milk, hair, and/or meat producing.
- GBH Horse/Pony-** breeding, care, training, for riding, pleasure or draft purposes.
- GBI Rabbits/Cavies-** any of several small domesticated mammals related to ordinary hares or to rough-haired South American rodents in the Caviidae family, such as guinea pigs.
- GBJ Sheep**
- GBK Small Animals/Pocket Pets/Lab Animals-** includes all other small domesticated mammals raised and cared for not listed in the GB category.
- GBL Swine**

GC Plants- living vegetables, herbs greenery or foliage, trees, vines, shrubs, etc.

- GCA Crops/Weeds-** a plant product grown and harvested for profit or consumption; (weeds)- plants which interfere with the growth and production of more desirable plants.
- GCB Flower Gardening/House Plants-** desirable plants cultivated for their appearance and/or ornamentation either outdoors, indoors, in or out of containers, either as a hobby or as a business.
- GCC Gardens- Fruit/Vegetables-** desirable plants cultivated for their production of edible herbs, fruits, flowers or vegetables.
- GCD Ornamental Horticulture-** plants cultivated primarily for landscaping and aesthetic purposes.

H. SCIENCE AND TECHNOLOGY- applied knowledge, expertise and disciplines attained through study or practice concerned with the physical world.

HA Science/Technology Literacy- ability to understand applied knowledge, expertise and disciplines attained through study of the physical world.

HAA Series (Specific 4-H program, originating in California).

HAB Spaces (Specific 4-H program, originating in Michigan).

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

HBA Animal Sciences- the discipline of agriculture concerned with production and care of domestic animals.

HBB Aquatic Science- 4-H Aquarium projects.

HBC Entomology and Bees- the discipline of zoology that deals with insects.

- HBD Food Science-** The discipline of nutrients in solid form that nourishes, sustains, or supplies mankind.
- HBE Marine Science-** The discipline relating to sea life and its management.
- HBF Meat Science-** The discipline of animal tissue used as food from the flesh of domesticated animals.
- HBG Plant Science-** The discipline of the Plantae kingdom.
- HBH Poultry Science and Embryology-** the discipline of domesticated birds kept for eggs or meat and the branch of biology dealing with poultry embryos and their development.
- HBI Veterinary Science-** The discipline and art of prevention, cure, or alleviation of disease and injury in animals.

HC Technology and Engineering- Applied science to achieve a practical purpose through invention, planning, or manipulation.

- HCA Aerospace-** Physical science that deals with flight, and earth's atmosphere and space.
- HCB Automotive-** Four wheeled vehicles designed for passenger transportation.
- HCC Bicycle**
- HCD Computer Technology-** The applied science related to, or concerned with programmable electronic devices that can store, retrieve, and process data.
- HCE Electric-** Relating to, or operated by electricity.
- HCF Electronics-** Relating to, or utilizing devices constructed or working by the methods of physics or the principles of electronics or electrons, e.g. robotics.
- HCG Engines, Tractors and Field Equipment-** Apparatus used for agricultural production and/or lawn and garden application.
- HCH Wood Science and Industrial Arts-** The discipline associated with the processing and utilization of wood products; making and using technical plans; developing dexterity and familiarity with tools, machines and processes for construction and repair.

HD Physical Sciences- The natural sciences that deal primarily with non-living materials.

- HDA Astronomy-** The science of the celestial bodies and of their magnitudes, motions, and constitution.
- HDB Chemistry-** The science that deals with the composition, structure, and properties of substances and of the transformations that they undergo.
- HDC Mathematics-** The science of numbers and their operations, interrelation combinations, generalizations, and abstractions and of space configurations and their structure and measurements.
- HDD Physics-** The science that deals with matter and energy and their interactions in the fields of mechanics, acoustics, optics, heat, electricity, magnetism, radiation, atomic structure and nuclear phenomena.