SCOPE AND SEQUENCE CHART

The Scope and Sequence Chart (SSC) presents the areas of the subject *Edukasyong Pantahanan at Pangkabuhayan* (EPP) and *Technology and Livelihood Education* (TLE), the units under each area, and the corresponding lessons to develop the learning competencies enumerated in the K to 12 curriculum. The SSC is organized into the following headings: Units/Lessons, Learning Competencies, Strategies and Techniques, Evaluation and Assessment Tools used, and Values Integration.

The SSC adopts the sequence by which the areas are presented in the curriculum guide from the Department of Education, as follows:

• ICT/Entrpreneurship

• Home Economics

• Agriculture

• Industrial Arts

ICT/ENTREPRENEURSHIP

Unit 1 The Modern Entrepreneur

Unit/Lessons	K to 12 Curriculum Learning Competencies	Strategies and Techniques	Evaluation and Assessment Tools	Values Integration
Lesson 1 Buying and Selling	• Identify the sellers and buyers	 triad group discussion picture analysis lecture discussion group work analysis by example identification situational analysis 	 book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> rubric 	Valuing the common good
Lesson 2 What to Sell and What to Buy	 Produce simple products Buy and sell products based on needs 	 group work and presentation brainstorming open discussion analysis by example situational analysis survey analysis 	 book exercises Apply Your Gains Examine Your Gains Enhance Your Skills rubric 	Appreciation of common good

Lesson 3 Responsible Entrepreneurship	• Sell products based on needs and demands in school and community	 <i>Pass-the-Ball</i> activity lecture discussion making a graphic organizer group work interview activity analysis of examples situational analysis 	 book exercises Apply Your Gains Examine Your Gains Enhance Your Skills rubric Performance Task Summative Test 	Appreciation of the common good
		 comparison 		

Unit 2 Technology for the Successful Entrepreneur

X	Unit/Lessons	K to 12 Curriculum Learning Competencies	Strategies and Techniques	Evaluation and Assessment Tools	Values Integration
	Lesson 1 Sharing Information Safely	• Post and share materials on wikis in a safe and responsible manner	 role-play board work lecture and discussion groupwork graphic organizers 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of safety practices and courtesy in the use of technology and the internet
	Lesson 2 Observing Safety in Sharing Online Blogs	• Post and share materials on blogs in a safe and responsible manner	lecture and discussiongroup work	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of safety practices and courtesy in the use of technology and the internet
	Lesson 3 Conducting Video and Audio Conferences Safely	• Participate in video and audio conferences in a safe and responsible manner	 lecture and discussion presentation of videos hands-on practice group work 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of safety practices and courtesy in the use of technology and the internet

Lesson 4 Understanding Online Surveys	• Explain the advantages and disadvantages of using online tools to gather data	 <i>Human Bingo</i> activity lecture discussion analysis by comparison working in dyads 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of safety practices and courtesy in the use of technology and the internet
Lesson 5 Create an Online Survey Form	 Create an online survey form Disseminate an online survey form	 review of the past lesson lecture discussion hands-on activities group work 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of safety practices and courtesy in the use of technology and the internet
Lesson 6 Reporting the Results of the Online Survey	• Process online survey data	 open discussion lecture discussion working in triads use of graphic organizers 	• Book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of ethical use of technology tools
Lesson 7 Using Advanced Functions of Microsoft Excel	• Use functions and formulas in an electronic spreadsheet tool to perform advanced calculations of numerical data	 simple survey activity hands-on activities 	 practice exercises book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Awareness of business ethics
Lesson 8 Sharing Ideas Through Video Conferences	• use audio and video conferencing tools to share ideas and work with others online	 <i>Three Facts</i> activity hands-on practice triads activity 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of social media ethics

	Lesson 9 The Importance of E-Groups	• Use an e-group to share ideas and work with others	lecture and discussiongroup work	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of social media ethics
	Lesson 10 Creating Multimedia Presentations (Part 1)	• Use the advanced features of a slide presentation tool to create a multimedia presentation with text, graphics, and photos; hyperlinked elements; animation; and embedded audio and/or video	 hands-on practice group work 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of safety practices and courtesy in the use of technology and the internet Awareness of business ethics
xii	Lesson 11 Creating Multimedia Presentations (Part 2)	• Use the advanced features of a slide presentation to create a multimedia presentation with text, graphics, photos; hyperlinked elements; animation; and embedded audio and/or video.	 lecture discussion hands-on practice group work working in dyads 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Awareness of safety practices and courtesy in the use of technology and the internet Awareness of business ethics
-	Lesson 12 Using Windows Movie Maker	• Use the movie making software to create a multimedia presentation	 lecture and discussion hands-on practice group work and presentation use of a graphic organizer 	 book exercises Apply Your Gains Examine Your Gains Enhance Your Skills Performance Tasks rubric Summative Test 	Awareness of the ethical use of technology

ELEMENTARY AGRICULTURE

Unit 1 Planting and Propagating Trees and Fruit-Bearing Trees

Unit/Lessons	<i>K to 12 curriculum</i> <i>Learning competencies</i>	Strategies and Techniques	Evaluation and Assessment Tools	Values Integration
Lesson 1 Trees: Importance to Human Life	 Discuss the importance of planting and propagating trees and fruit-bearing trees and marketing seedlings Explain the benefits derived from planting trees and fruit-bearing trees to families and communities 	 exploring places and events related to the topic discussion community survey simple research using the internet pair work group work, discussion, and reporting group presentation 	 rating scale for report presentation using rubric book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> 	Appreciating the environment Active collaboration with a group
Lesson 2 Who's Who in Orchard Growing	 Discuss the importance of planting and propagating trees and fruit- bearing trees and marketing seedlings Identify successful orchard growers in the community or adjacent communities 	 review of past lesson story presentations sharing of experiences working in triads sharing of the results of community surveys discussion group activity and presentation Q and A session visiting related websites for additional information 	 rating report using rubric book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Appreciation of the environment Active participation in group discussions Awareness of responsible use of technology and the internet

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Learning How to Plant Trees and Fruit Trees	 Use technology in the conduct of survey to find out the following: elements to be observed in planting trees and fruitbearing trees market demand for fruits sources of fruit bearing trees 	 use of meta cards discussion group work presentation of findings using technology Q and A session self-evaluation 	 rating presentation using rubric book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Appreciating the environment Active participation in group discussion Gathering data from different websites
Lesson 4 Know Your Orchard Trees	 Conduct a survey to identify: types of orchard farms trees appropriate for orchard gardening based on location, climate, and market demands 	 pair, discuss, and share activity Q and A session group activity field trip to nurseries/ orchard farms observation interview discussion of topics reading session analysis of trees/fruit trees conducting community survey research using the internet group presentations 	 rating presentations using rubric book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Appreciating the environment Showing appropriate behavior while on a field trip

	Lesson 5 Planting, Propagating, and Caring for Seedlings	 Conduct a survey to identify Types of orchard farms proper way of planting/propagating trees and fruit- bearing trees (budding, marcotting, grafting) sources of fruit- bearing trees how to care for seedlings 	 dyad activity group work and presentation discussion video presentation or field trip to a school garden, nursery, or orchard 	 rating presentations using rubric book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Appreciating and caring for the environment Showing appropriate behavior while on a field trip Listening to and paying attention to demonstration
XV	Lesson 6 Plan Your Orchard Garden	• Prepare a layout design of an orchard garden using the information gathered	 dyad activity use of meta cards dyad presentation group study and discussion followed by presentation group and individual work 	 rating group outputs using rubrics book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Contributing to discussions Active participation in group work
	Lesson 7 Execute Your Plan	 Propagate trees and fruit- bearing trees using scientific processes Identify the appropriate tools and equipment in plant propagation and their uses 	 group presentation field trip to orchard farms group study class discussion group and individual work interview presentation graphic organizer 	 rating group and individual performance using rubrics book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Participating in discussion Listening to others ideas Participating in group work

xvi	Lesson 8 Preparing Organic Fertilizers and Pesticides	 Demonstrate scientific ways of propagating fruit- bearing trees Observe healthy and safety measures in propagating fruit- bearing trees Perform systematic and scientific ways of caring for orchard trees/seedlings such as watering, cultivating, preparing, and applying organic fertilizer Perform systematic and scientific ways of caring for orchard trees and seedlings such as watering, cultivating, preparing, and applying organic fertilizers; Use different ways of preparing organic fertilizer and pesticides Explain the benefit of using organic fertilizer and locally made pesticides 	 review group activities library or online research group presentations open forum dyad activity use of meta cards demonstration or video presentation of preparing organic pesticides and fertilizers 	 rating group performance using rubrics book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> 	Participation in group work Following safety measures while working
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xvii	Lesson 9 Marketing to Expansion	 towards sustainable develop Observe healthy and safety measures in formulating fertilizer and organic pesticides Keep record of growth and progress of seedlings Market fruits and seedlings by: applying scientific knowledge and skills in identifying fruits and seedlings ready for sale keeping updated record of trees and seedlings for sale planning marketing strategies for orchard trees/seedlings using online marketing of orchard trees/seedlings preparing flyers or brochures Develop plan for expansion of planting trees and seedling production 	 sharing session discussion group work group presentation Q and A sessions pair work individual work 	 analysis of data and situation answering questions rating group performance book exercises <i>Apply Your Gains Examine Your Gains Enhance Your Skills</i> Summative Test 	Sharing one's ideas Listening to other's ideas Participation in group work
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Unit/Lessons	<i>K to 12 curriculum</i> <i>Learning competencies</i>	Strategies and Techniques	Evaluation and Assessment Tools	Values Integration
Lesson 1 Facts About Animal Raising	 Conduct a survey to find out: persons in the community whose occupation is animal raising (four legged- animal) or fish raising stories of successful entrepreneurs in animal/fish raising the kinds of four- legged animals/fish being raised as means of livelihood possible hazards that animal raising can cause to people and the community market demands for four-legged animals/fish products and by products direct consumers or retailers benefits that can be derived from animal/ fish raising 	 survey field trip to animal farms discussion of data gathered from field trip group activity use of graphic organizer online research Q and A session group activity 	 Rating presentation/ performance using rubric Book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> 	Appreciation of farm animals Appreciation of community helpers

Unit 2 Animal Raising

Lesson 2 Plan Your Animal- Raising Project	 Plan for the family's animal raising project. Identify animals to be raised as alternative source of income for the family (e.g goat, hogs, fish) Prepare list of needed materials to start the project Prepare schedule of work for raising, caring, processing, and marketing of products and by-products Record potential income, expenses, and gains 	 cooperative planning for an animal raising project discussion group activities and presentations use of graphic organizer online research Q and A session individual activity dyad activity 	 rating project plans using rubrics book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	 Cooperatiion and team work independent work
Lesson 3 Raising Your Four-legged Animals/Fish	 Implement your plan on animal/fish raising Monitor growth and progress of your animals Keep an updated record of growth/progress expand/enhance your knowledge of four- legged animal/fish- raising using the internet 	 visit to farms pair activitiy discussions group activities and presentations sharing session reporting use of meta cards individual activities Q and A session lesson synthesis 	 rating group performance using rubrics book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> 	 Monitoring project activities Participating in group work Independent work

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Lesson 4 Harvesting/Capturing Animals	 Manage marketing of four-legged animals/fish that you raised by: discussing indicators for harvesting/captur ing four-legged animals/fish demonstrate skill in harvesting/ capturing four-legged animal/fish 	 observing farm animals being captured or harvested open discussion group activity and presentation Q and A session story telling individual work 	 rating group performance using rubrics book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> 	 Showing observant behavior during field trips Taking notes during observation Cooperativeness
Lesson 5 Marketing and Expanding Your Venture	 Manage marketing of four-legged animals/fish raised by: Preparing a marketing strategy by asking help from others or using the internet marketing four- legged animals/fish harvested/ captured computing the income earned from marketed products preparing plans for expansion of four- legged animal/fish raising venture 	 pair work field trip to a public market sharing session group study and presentation Q and A session pair work use of meta cards group work role-playing group demonstration 	 rating group participation and demonstration book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> Summative Test 	 Understanding presentation of topics Preparing a presentation Planning with the family

HOME ECONOMICS

Unit 1 Home Management

	Unit/Lessons	Learning Competencies		Evaluation and Assessment Tools	Values Integration
	Lesson 1 Knowing Your Family Resources	 Identify family resources and needs (human, material, non material) list of family resources list of basic and social needs 	 role-play discussion group work and presentation 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Appreciating family resources and needs
1.	Lesson 2 Understanding Family Income	• Enumerate sources of family income	 open discussion group activity and presentation analysis individual activity open discussion 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Appreciating family income sources
	Lesson 3 Budgeting the Family Income	 Allocate budget effectively for basic and social needs such as food and clothing, shelter and education, and social needs such as social and moral obligations, (birthdays, baptism, etc.) family activities, school affairs 	 presentation/discussion group activity and presentation open discussion budget comparison individual activity 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Appreciating family budget

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	o savings/ emergency budget (health, house repair, etc.)			
Lesson 4 Preparing a Feasible and Practical Budget	 Prepare a feasible and practical budget Manage family resources efficiently Prioritizes needs over wants 	 discussion group activity analysis decision making 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Rational decision making Prioritization

Unit 2 Sewing Household Linens

	Unit/Lessons	K to 12 Curriculum Learning Competencies	Strategies and Techniques	Evaluation and Assessment Tools	Values Integration
xxii	Lesson 1 Knowing the Tools for Sewing	• Classify the tools and materials according to their use (measuring, cutting, sewing)	 triad activity discussion lecture group work and presentation 	 peer evaluation book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Participating in group work
	Lesson 2 Preparing the Project Plan	 Prepare a project plan for household linens Identify supplies/materials and tools needed or the project 	 triad activity discussion group discussion pair work presentations 	 making own plan and self rating using rubrics or checklist book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Finishing one's work on time
	Lesson 3 Sewing Creative Household Linens	• Sew creative and marketable household linens as means to augment the family income	 discussion group activitiy presentations mini-exhibit individual activity 	 Rating finished product using rubrics Book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Following project plan, finishing work as planned

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	• Assess the quality of the finished products			
Lesson 4 Marketing Finished Products	 Market finished household linens in varied ways Package product for sale creatively/ artistically Prepare creative packages using local materials Labels packaged products Computes costs, sales, and gains with expertise Use technology in advertising products Monitor and keep record of production and sales 	 discussion group activitiy individual activity presentations 	 rating of group work book exercises Apply Your Gains Examine Your Gains Enhance Your Skills Summative Test 	Effective group member Doing one's responsibility in group work

Unit 3 Food Preservation

Unit/Lessons	K to 12 Curriculum	Strategies and Techniques	Evaluation and	Values Integration
	Learning Competencies		Assessment Tools	
Lesson 1UnderstandingFoodPreservation	 Explain the benefits derived from food preservation/ processing 	 guessing game discussion lecture group activity and presentation 	• book exercises Apply Your Gains Examine Your Gains Enhance Your Skills	Appreciation of the benefits derived from food preservation

Lesson 2 The Food Preservation Process	 ways of p food (dry freezing, processin Conduct of foods preserved using any 	ng) an inventory that can be d or processed	 lecture and discussi individual and grou work research presentations 		Appreciation of the benefits derived from food preservation
Lesson 3 Tools and Equipment Used in Food Preservation	utensils a used in p • Use tools and equi	ng plans for ng or	 lecture and discussi group work presentation observation interview 	 on eassessment of group plan book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Appreciation of the benefits derived from food preservation
Lesson 4 Skills and Principles Applied in Preserving Food	 apply prisitive apply prisitive selectine preservative preservative selectine preservative based construction of raw to select the selection 	inciples and volved in food tion or ng by g food to be red or processed on availability materials, demands, and in the	 group presentation lecture discussion group activity market survey actual food preservation process 	• book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> s	Observing safety, health practices, and cleanliness

Lesson Market Food	n 5 ting Processed	 o observing safety rules in food preservation or processing o conducting a simple research to determine market trends and demands in preserved or processed foods and assess preserved or processed food as to their quality using rubrics. Market preserved or processed food in varied/creative ways with pride Package product for sale creatively and artistically Prepare creative packages and use local materials 	 presentation group work discussion computing cost, sales and gains preparing tech-assisted advertising record keeping 	 rating group work using rubric book exercises Apply Your Gains Examine Your Gains Enhance Your Skills Summative Test 	Creativity, appreciating the work of others
		• Prepare creative packages and use local	U	• Summative Test	

INDUSTRIAL ARTS

Unit 1 Enhancing and Decorating Products

	Unit/Lessons	K to 12 Curriculum Learning Competencies	Strategies and Techniques	Evaluation and Assessment Tools	Values Integration
XXVI	Lesson 1 Decorating and Enhancing Finished Products	 Discuss the importance and methods of enhancing/decorating bamboo, wood, and metal products Demonstrate creativity and innovativeness in enhancing and decorating bamboo, wood, and metal products 	 field trip to a market group work discussion Q and A activities use of realia, metacards presentations individual work 	 rating presentations using rubrics book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Performing one's task in a group
S.	Lesson 2 Enhanced or Decorated Products: Market Trends and Processes	 Conduct simple survey using technology and other data- gathering method to determine: market trends on products made of bamboo, wood, and metal customers products preference of products Types/sources of innovative finishing materials, accessories, and designs 	 pair/ group work interviews presentation Q and A session individual work peer assessment triad activity 	 assessent of presentations using rubrics book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> 	Good manners in the conduct of interview Participation in group work

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:	Lesson 3 Planning Your Project	 Discuss the effects of innovative finishing materials and creative accessories on marketability of products Construct project plan consider deliberate policies on sustainable development in the constructing the project plan Apply skills in sketching, outlining, and drawing as you construct your project plan List things that you do to support the 5Rs principle 		review of previous lesson triad activity and presentation discussion pair, group, and individual work	 rating presentations using rubrics book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Listening and paying attention to group presentations
	Lesson 4 Constructing Your Project	 Construct project plan Consider deliberate policies on sustainable development in constructing the project plan Demonstrate resourcefulness and management skills in the use of time, materials, money, and effort 	•	analysis of sample plan pair, dyad, triad, and group work and presentation group/self assessment	 rating group output using rubrics book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Giving constructive comments Appreciating and accepting comments Expressing one's own ideas

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Lesson 5	 Assess the quality of enhanced product using rubrics Refine product based on assessment made Market products 	 review of past lesson 	• rating outputs using	Participation in group
Marketing Your Products	 Apply creative packaging and labeling techniques Apply technology and other means of product marketing Compute income from sales Prepare plan for mass production or creating new product 	 sharing of experiences discussion group work interview output presentations class exhibit 	 rubric or checklist book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> Summative Test 	work

Unit 2 Construction and Repair of Simple Electrical Gadgets and Furnishings

Unit/Lessons	K to 12 Curriculum Learning Competencies	Strategies and Techniques	Evaluation and Assessment Tools	Values Integration
Lesson 1 Electrical Gadgets, Tools, and Materials	 Identify the materials and tools in making simple electrical gadgets Identify simple electrical gadgets and their uses (extension cord, door bell, plugs, lampshades, etc) 	 group activities and presentations discussion use of meta cards picture analysis use of technology to learn more about the topic 	 rating level of performance using rubric book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> 	Care in the use of tools

	Lesson 2 Safety and Health Practices in Making Electrical Gadgets	 Observe safety and health practices in making gadgets Observe safety and health practices in making gadgets 	 group work and presentation poster making activity 	 rating performance using checklist book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Participation in group work Observing safety and health practices
evic .	Lesson 3 Constructing Simple Electrical Gadgets Lesson 4 Doing Simple Repairs	 Prepare the protocols (processes) in making electrical gadgets Assess the electrical gadgets based on the rubrics Repair simple gadget/furniture/ furnishings at home and school by doing the following gather data on how to do simple repairs using technology or other methods repair broken furniture (chairs, cabinets, and tables) door knobs, lamp shades, and other products 	 Q and A activity use of realia group work demonstration using the internet in preparing project design Q and A session demonstration group work hands-on activities 	 rating group output using rubrics book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> rating work done using rubrics book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> Summative Test 	Following procedures Finishing project on time Demonstrating creativity in the project Observing safety and health rules

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 Assess repaired 		
gadgets/		
furniture/		
furnishing as to its		
reusability and		
functionality using		
rubrics		
 Improve the repair 		
you have undertaken		

Unit 3 Recycling of Waste Materials

	Unit/Lessons	K to 12 curriculum Learning competencies	Strategies and Techniques	Evaluation and Assessment Tools	Values Integration
XXX	Lesson 1 The Five <i>S</i> Principles	 Discuss the Five S principles: sorting (seiri) straightening (seiton) systematic cleaning shine (seiso) standardizing (seiketsu) service-sustaining (shitsuke) 	 analysis of news clippings and pictures group work discussion Q and A session 	 rating performance using rubrics book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Observing rules of conduct in visiting homes
	Lesson 2 Recycling: Processes and Importance	 Identify recyclable products/waste materials made of wood, metal, paper, plastic, and others Identifies recyclable products/ waste materials made of 	 analysis of the environment analysis of data gathered visit to a recycling facility identifying actions that can be taken 	 rate presentations using rubrics book exercises Apply Your Gains Examine Your Gains Enhance Your Skills 	Critical thinking

	wood, metal, paper, plastic, and othersExplain the process and the importance of recycling	 pair work discussion group work		
Lesson 3 From Waste Materials to New Products	• Recycle the identified products/waste material into functional items (binding of used paper into notebook or memo pad; bottled plastic into lampshades, flowers, plants, etc.)	 pair or group work environment scanning sample product study/ analysis creating new products through recycling using technology to develop new ideas product exhibit 	 rating products developed using rubrics book exercises <i>Apply Your Gains</i> <i>Examine Your Gains</i> <i>Enhance Your Skills</i> Summative Test 	Appreciating recycling

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