

Directorate of Education, GNCT of Delhi

Subject: Kaushal Vikas

Annual Syllabus (2026 – 27)

Class – IXth

Curricular Goals (CG) and Competencies (C):

CG-1 involves the use of knowledge and skills in the work.

Develops in-depth basic skills and allied knowledge of work and their associated materials/ procedures.

C-1.1 Perform procedures competently through required tools/equipment.

C-1.2 Differentiates between effective and non-effective practices in completing the task.

• CG-2 involves the values inculcated while working (since they are not always measurable, they need to be observed in students' practices).

Develops essential values while working in a specific vocation.

C-2.1 Develops the following values while engaging in work:

- Attention to detail
- Persistence and focus
- Curiosity and creativity
- Empathy and sensitivity
- Collaboration and teamwork
- Willingness to do physical work
- Respect the value of money.

CG-3 involves the application of knowledge and skills in home-based tasks.

Develops basic skills and allied knowledge to run and contribute to the home.

C-3.1 applies the acquired vocational skills and knowledge in a home setting.

S.N O.	Unit/Chapter	Topic and Sub topic	Curricular Goals and Competencies	Key Concepts & Themes	Learning objectives	Activities/Practical Work
1.	UNIT 1 WORK WITH LIFE FORMS Chapter 1 Introduction to Agricultural Practices Mandatory	Introduction to Agricultural Practices 1.1 Introduction • Importance of agricultural practices • Agricultural work opportunities 1.2 Argo climatic relationship • Weather and crop growth, meteorological observations, rainfall, temperature, wind direction 1.3 Processes related to agricultural practices • Soil testing and amendment • Seed Selection • Preparing organic fertilisers and pesticide 1.4 Selection of vocation • Exploring agricultural vocations, mapping resources 1.5 While doing work • Safety measures, use of tools, maintenance practices 1.6 Assess your learning	CG-1 C-1.1 C-1.2 CG-2 C-2.1	• Types of crops (food crops, cash crops) • Agricultural seasons • Soil types and preparation • Irrigation methods (traditional & modern) • Use of fertilizers vs manure • Sustainable agriculture & organic farming	• Understand basic agricultural concepts and practices • Identify types of crops and seasons (Kharif, Rabi, Zaid) • Learn soil preparation, sowing, irrigation, and harvesting methods • Develop awareness about sustainable farming.	• CASELET • Visit to a local farm or nursery • Soil testing (texture and moisture) • Demonstration of seed sowing • Chart/model of crop cycle.
2	Chapter 2 Rooftop Gardening	Rooftop Gardening 2.1 Introduction • Meaning and Importance of Rooftop Gardening 2.2 Process Chart • Steps involved in Rooftop Gardening 2.3 Site Visit • Observation of Rooftop Garden Setup	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG-3 C-3.1	• Understand urban gardening concepts • Learn container gardening techniques • Promote eco-friendly practices	Students will be able to: • Design a rooftop garden layout • Grow	• CASELET • Create a mini rooftop garden • Compost preparation • Seed germination experiment

		2.4 Designing the Layout 2.5 Selecting materials 2.6 Selecting Tools for Doing Work 2.7 Making Bill of Materials • Preparing List of Required Materials 2.8 Pot Preparation and sowing • Soil Mixture and Pot Filling 2.9 Maintenance and Recording Growth of Plants • Irrigation • Plant protection • Protection from weeds 2.10 Harvesting and Storage 2.11 Packaging and Transport 2.12 While developing the rooftop garden 2.13 Assess Your Learning.			basic plants (herbs/vegetables) • Maintain plant health	
3	UNIT 2 WORK WITH MACHINES & MATERIALS Chapter 5 Shaping Materials Mandatory	Shaping Materials 5.1 Introduction to Shaping Materials • Importance of Shaping Materials • Uses in Daily Life • Value addition 5.2 Processing material transformation to a product key processes for shaping materials • Fabric • Wood • Metal • Plumbing • Construction • Safety (wear protective gear and follow	CG-1 C-1.1 C-1.2 CG-2 C-2.1	• Understand properties of materials • Learn basic shaping techniques • Identify tools and safety measures	Students will be able to: • Identify materials (wood, metal, plastic) • Use tools for cutting, bending, shaping • Create simple products	• Making a simple object (pen stand, frame) • Tool identification exercise • Demonstration of shaping techniques

	safety rules) 5.3 Choosing material for a specific product 5.4 Key Common Processes • Following safety protocol • Taking measurements • Making technical drawings •Technical drawing symbols •Drawing an object •Scale of drawing 5.5 Selection of vocation 5.6 When working with materials 5.7 Assess your learning				
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Suggestive tools of assessment:

i. Teacher's Observations (based on demonstrated performance via rubrics, checklists)

ii. Student Portfolio

iii. Oral Presentations

iv. Self and Peer Assessments

v. Paper and Pencil tests (Situation Based Questions)

Note: The above mid-term syllabus is to be completed by September 05, 2026.

Revision of syllabus for Mid –Term Examination 2026

Mid –Term						
4.	UNIT 2 WORK WITH MACHINES & MATERIALS Optional Chapter 6 Construction	Construction 6.1 Introduction Basic idea of foundation, walls, beams, columns, roofs, windows and doors 6.2 Process Chart • Scoping work • What will be constructed • Material and resource availability • What is useful • Where will the construction take place • Making a process chart 6.3 Site visit • Load bearing (wall-bearing) construction • RCC (Reinforced Cement Concrete)	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Construction components • Building structure • Safety and utility • Construction workflow • Resource planning • Work sequencing • Load-bearing structures • RCC structures • Construction techniques • Construction	• Understand basic construction concepts • Identify structural elements of buildings • Learn steps involved in construction planning	• Observation of nearby structures • Diagram labelling activity • Flowchart preparation • Group planning activity • Site visit report • Comparative chart preparation • Drawing activity • Tool identification exercise

		construction 6.4 Making a technical drawing of the selected structure 6.5 Selecting materials 6.6 Selecting tools 6.7 Bill of Materials • Estimating number of bricks required • Estimate for mortar • Preparing Bill of Materials 6.8 Minor repair and maintenance • Carrying out minor repair • Curing and drying 6.9 Making a structure • Preparation • Preparing and laying bricks • Ensuring alignment • Curing and plastering 6.10 Finishing the product 6.11 While Constructing a Structure		materials • Construction tools • Technical representation • Building maintenance • Repair techniques • Workplace safety	• Understand different construction systems • Learn basics of technical drawing and material selection • Understand minor repair and maintenance practices • Understand minor repair and maintenance practice	• Repair demonstration • Maintenance checklist preparation
	Chapter7 Apparel	Apparel 7.1 Introduction Importance of food shelter and clothing 7.2 Process chart • Scoping work • Availability of resources • What will be created • Understanding the need • Making a process chart 7.3 Site visit 7.4 Technical drawing of apparel • Accurate measurement 7.5 Selecting materials • Apparel selecting suitable fabric and	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Clothing and apparel • Human needs • Fashion basics • Types of fabrics (cotton, silk, wool, polyester) • Fabric properties (texture, durability, absorbency) • Basic stitching techniques	• Understand the role of apparel in daily life • Understand basic concepts of clothing and apparel design • Learn fabric types, selection, and care	• Discussion on clothing types • Apparel identification activity • Fabric sample collection and classification • Practice of basic stitches on cloth • Measuring and marking fabric

		reason for selection 7.6 Selecting tools • Uses and safety note 7.7 Bill of materials • Cost estimation and documentation 7.8 Basics of apparel making • Sewing • Drafting • Preparing fabric 7.9 Marking and cutting fabric 7.10 Sewing the product 7.11 Packing and labelling 7.12 Finishing the product		• Tools and equipment (needle, thread, sewing machine) • Garment construction basics • Clothing care and maintenance • Stitching techniques • Fabric preparation • Apparel construction • Cutting techniques • Apparel finishing • Product quality	• Develop basic stitching and garment construction skills • Promote creativity in clothing design • Learn basic sewing and drafting techniques • Learn apparel construction and finishing	activity • Making a simple product (handkerchief, cushion cover, or apron) • Apparel sketch preparation • Cost estimation worksheet • Documentation activity • Stitching practice • Fabric preparation exercise • Prepare handkerchief/apron • Product finishing demonstration
	Chapter 8 Additional vocations Optional	8.1 Sheet metal work • Forming • Burr • Rivet • Gauge • Quality and safety parameters Key steps in the process • Scoping • Design & Draw • Prepared detailed plan • Select materials & Tools • Finish the work.	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Sheet metal fabrication • Forming and bending techniques • Riveting and joining methods • Use of gauges and measurement tools • Quality control and safety practices • Prototype development and finishing	• Understand basics of plumbing systems and pipe fittings • Learn use of plumbing tools and materials • Develop skills in pipe joining, installation, and maintenance	• Identification of sheet metal tools and gauges • Demonstration of cutting and bending techniques • Preparation of simple sheet metal product (tray box, or holder) • Riveting practice activity

	8.2 Plumbing • Valve • Joint • Flow Quality and safety parameters Key steps in the process • Scoping • Design and draw • Prepare detailed plan • Select materials and tools • Carry out the work • Finish the product	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Plumbing systems and fittings • Valves and joints • Water flow and pressure • Pipe installation techniques • Quality and safety standards • Maintenance and repair methods	Understand safety procedures in plumbing work	• Identification of plumbing tools and materials • Demonstration of pipe joining techniques • Preparation of simple plumbing layout • Leak detection and repair activity • Water flow experiment • Plumbing maintenance checklist preparation • Safety drill and tool handling practice
	8.3 Food Processing • Raw material • Processing • Preservation Quality and safety parameters Key steps in the process • Scoping • Follow a recipe • Prepare ingredients • Carryout the work • Finish the work	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Food processing methods • Food preservation techniques • Hygiene and sanitation • Quality and safety standards • Recipe preparation and measurement • Packaging and storage	• Understand the basics of food processing and preservation • Learn safe handling and preparation of food materials • Develop skills in following recipes and food preparation procedures	• Identification of raw food materials • Demonstration of food preservation methods • Preparation of simple processed food items (jam, pickle, juice, etc.) • Recipe preparation and measurement activity

		•Finish the product •Strengthen the product •Finish and decorate				
5	UNIT 3 WORK IN HUMAN SERVICES Chapter 9: Personal and Lifestyle Services Mandatory	9.1 Introduction Understanding professional 9.2 Developing service orientation • Being centred on the user • Making fair and ethical decisions • Contribution to society • Organisation and teamwork 9.3 Creating service environments • Physical environments • Social environment • Safety 9.4 Consent 9.5 Service quality criteria 9.6 Selection of vocation 9.7 While delivering human services 9.8 Assess your learning	CG-1 C-1.1 C-1.2 CG-2 C-2.1	• Personal hygiene and cleanliness • Grooming techniques (hair, skin, nails) • Communication skills (verbal & non-verbal) • Professional ethics and behaviour • Customer service basics • Time management	• Understand the concept of personal and lifestyle services • Learn basic grooming, hygiene, and etiquette skills • Develop communication and interpersonal skills • Gain awareness of service-oriented professions	• Personal grooming demonstration • Role play (customer service situations) • Communication skill exercises • Daily hygiene checklist preparation
6	Chapter10 Healthcare Optional	Healthcare 10.1 Introduction Understanding health 10.2 Process chart 10.2.1 Scoping work • What type of service will be provided • Availability of resources and support • Usefulness to the school or community • Where will the service be provided 10.2.2 Making a process chart 10.3 Site visit	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Health and hygiene • Common diseases and prevention • First aid basics (cuts, burns, fractures, fainting) • Importance of nutrition • Role of healthcare	• Understand basic healthcare concepts • Learn first aid and emergency response • Promote health	• First aid demonstration (bandaging, CPR basics awareness) • Preparing a first aid kit • Health awareness poster

	10.4 Selecting materials 10.5 Selecting tools 10.6 Bill of materials (BoM) 10.7 Consent 10.8 Preparation for the service 10.8.1 Monitoring health parameters 10.8.2 Home remedies for common ailments/illness 10.8.3 Common occupational hazards 10.8.4 Occupational hazards: a few preventive measures 10.8.5 Basic emergency response 10.8.6 Promoting the service being provided 10.9 Providing the service 10.9.1 Event checklist 10.9.2 Service environment: Design of physical space 10.9.3 Service environment – Engaging with persons being provided services 10.9.4 Feedback, Cleanup and Reflection 10.10 While delivering the service 10.11 Assess your learning		services • Safety and emergency response	awareness and disease prevention • Develop responsibility towards personal and community health	• Role-play on emergency situations
Chapter 11 Tourism Optional	Tourism 11.1 Introduction 11.2 Process chart • Scoping the work • Type of service you will offer • Availability of materials and resources • usefulness and relevance • where the service will be delivered • Making the process chart 11.3 Site Visit	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Tourism and service delivery concepts • Tourism and hospitality • Tourist attractions • Responsible tourism • Cultural diversity	• Develop tourism and service management skills • Understand the concept and scope of tourism	• CASELET • Tourism map creation, brochure making, service planning • Prepare a chart on famous tourist destinations • Group discussion on

	11.4 Selecting materials 11.5 Selecting tools 11.6 Bill of Materials 11.7 Consent form 11.8 Preparation for service • Preparing a tourism map • Making an information brochure • Preparing a script • Signage for effective communication • Promoting the service 11.9 Delivering the service • Pre-tour checklist • Engaging with tourists • After the service 11.10 While performing the service 11.11 Assess your learning			• Identify different tourism opportunities	benefits of tourism • Demonstration of online booking platforms • Role play on tourist guide interaction • Practice greeting and communication skills
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Chapter12 Additional Vocations Optional	12.1 Hospitality • Guest Experience • Etiquette Quality and safety parameters Key steps in the process •Identify need/opportunity • Plan service and roles •Preparation • Delivery •Monitor quality during service •Collect feedback and record learning •Post-service activities	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Guest handling • Etiquette • Customer satisfaction	• Understand hospitality concepts • Learn guest interaction skills	• Role play activities • Hospitality demonstration
	12.2 Event Management • Ambience • Programme flow • Logistics Quality and safety parameters Key steps in the process: • Identify need/opportunity • Plan service and roles • Preparation • Delivery • Monitor quality during service • Collect feedback and record learning • Post-service activities	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Event planning • Logistics management • Safety measures	• Understand basics of event management	• Event planning exercise • Stage setup activity • Event checklist preparation • Survey activity
	12.3 Data-based Services • Data analysis • Data visualisation • Survey • Insight • Quality and safety parameters Key steps in the progress:	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	• Data collection • Analysis and visualisation • Survey Methods	• Learn data-based service concepts	• Graph and chart preparation • Data interpretation exercise

	- Identify need or opportunity - Preparation - Data collection - Data analysis and visualisation - Data interpretation - Monitor quality during service - Post-service activities				
	12.4 Interior Design - Layout - Theme - Sustainability - Quality and safety parameters - Key steps in the process: - Identify need/opportunity - Plan service and roles - Preparation - Delivery - Monitor quality during service - Collect feedback and record learnings	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	- Interior layout - Themes - Sustainable design	Understand interior design basics	- Design sketch preparation - Classroom layout planning - Theme board creation
	12.5 Public Information Service - E-governance - Transparency - Grievance - Quality and safety parameters - Key steps in the process: - Identify or opportunity - Plan service and roles - Preparation - Delivery - Follow up after service - Collect feedback and record learnings	CG-1 C-1.1 C-1.2 CG-2 C-2.1 CG- 3 C-3.1	- E-governance - Transparency - Public grievance systems	Understand public information systems	- Mock help desk activity - Awareness poster - Public service role play

Suggestive tools of assessment:

- i. Teacher's Observations (based on demonstrated performance via rubrics, checklists)**
- ii. Student Portfolio**
- iii. Oral Presentations**
- iv. Self and Peer Assessments**
- v. Paper and Pencil tests (Situation Based Questions)**

**Note: – The entire syllabus is to be completed by January 30, 2027.
Revision of entire syllabus for Annual Examination 2027.**

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