# **Curriculum of Matric Tech**

# **Tourism Management**

GRADE IX-X 2020



## **GOVERNMENT OF PAKISTAN**

Ministry of Federal Education and Professional Training ISLAMABAD

In Collaboration with

**National Vocational and Technical Training Commission** 

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### Introduction

Pakistan is a developing country with 5th largest population in the world. 64% of our population is below 30 years of age which makes it second youngest country in South Asia. This "youth bulge" provides unique challenges as well as opportunities for the country's social and economic development. The only remedy is to develop youth of Pakistan through education and training. To control the increasing un-employment, promoting entrepreneurship (self-employment), alleviate poverty and provide skilled manpower for industrial/economic growth, The Govt. of Pakistan has decided to introduce Technical Scheme at SSC Level. For this a stream of technical subjects has been selected including Tourism Management as one of the elective subjects.

The curriculum of Tourism Management is designed to produce middle level human resources equipped with knowledge, skills and attitudes related to the field of culinary arts so as to meet the demand of such workforce in the country and aboard to contribute in the national streamline of poverty reduction of Pakistan.

Tourism is one of the major & fastest growing industries of the modern world and helps create business opportunities as well as jobs at the local community levels. The present federal Govt. has rightly recognized the immense potential of tourism industry in our country and is now taking steps to tap this potential to overcome the shortfall of foreign exchange. National Tourism Coordination Board has been constituted for the first-time involving industry professionals to tackle issues currently faced by the tourism industry.

Pakistan is one of the very few countries to have natural landscapes form the depth of ocean to the highest mountains. We have the three highest mountains ranges of the world and 5 summits above 8,000 meters. These mountains offer fascinating valleys and unique cultures for the visitors. We host some of the earliest civilizations of the world; from Mehr Garh to Indus valley civilization to Gandhara. This fascinating heritage is one of the many reasons, tourists visit Pakistan, but it is certainly not the only one. Exciting adventure attractions, varied animal life, historical ruins and monuments, and the beautiful sceneries are just few of the many reasons to visit Pakistan. The mountain ranges feature alpine meadows and coniferous forests, leading down into desert plains, coastline and lands basin, also attract tourists to see all beautiful places located in different parts of Pakistan.

With consistent & sustained growth in domestic tourism over the last few years, it is imperative to train local staff with skills necessary for successfully running the local businesses. Now local tourists find it easier and faster to travel to their desired locations to spend their vacations. At popular domestic destinations we are already facing situations where tourists far outnumber the accommodation available and end up sleeping in their cars. We need to train our youth to benefit from these lost opportunities.

Tourism calls for coordination and cooperation between airlines, travel agents, tour operators, hoteliers, transporters, restaurants, theme parks, gift shops and tourists. The industry relies more heavily on services than on goods. Consequently, it creates a lot of jobs in the remote villages & valleys and also in major cities. With trained & skilled manpower from local host communities, we can offer superior services to tourists at their desired destinations.

This curriculum on Tourism Management is designed as a comprehensive program to the study of tourism for both male and female student at matric. This program covers basics of the subject like introduction of the concept, principles, constituents, organization, etc.; entrepreneurship skills; the economic and managerial aspects of tourism; the historical and modern insights into the industry; the marketing, organizational and technological issues involved. It involves the management of multiple activities such as studying tour destination, planning the tour, making travel arrangements, and providing accommodation. It also involves marketing efforts to attract tourists to travel to destinations.

#### Rationale

The tourism development is a profession that is increasingly getting attention in Pakistan, not only among the youth seeking to enter the industry but also among adults who wish to polish their skills to develop a career out of it.

On completing the curriculum, students should have acquired a set of knowledge and concepts, and have developed a range of technical, personal, interpersonal, organizational and generic skills, that can be applied in various contexts, both within and related to tourism and culinary arts domain. Furthermore, this course will stimulate the learners towards entrepreneurship in the industry. Cooking skill interventions can have a positive effect on food literacy, particularly in improving confidence on cooking and fruit and vegetable consumption, with vulnerable, low-socio economic groups gaining more benefits. Consistency across study designs, delivery, and evaluation of outcomes both at short and long terms are warranted to draw clearer conclusions on how tourism promotion programs are contributing to improve exposure and mental health.

Within this qualification relating to tourism interventions in schools, there are important interventions that integrated within school settings. The purpose of this qualification is to strengthen connections between schools and trade, and drawing on the concept of the sociotechnical network, theories the interactions between the relevant market and school contexts.

Global environmental change (GEC) threatens these very foundations of tourism through climate change, modifications of global biogeochemical cycles, land alteration, the loss of non-renewable resources, unsustainable use of renewable resources and gross reductions in

biodiversity. Elements of the global environment are always changing although change is never uniform across time and space. Nevertheless, all changes are ultimately connected with one another through physical and social processes alike. The scale and rate of change has increased dramatically because of human actions within which tourism is deeply embedded.

These programs have increased and continue to increase in popularity because they offer a valuable channel to engage with vulnerable groups via inclusive social activities, whilst positively impacting their lifestyle profiles and health outcomes.

Tourism Management, matric tech (9<sup>th</sup> &10<sup>th</sup>)

## **Aims and Objectives**

The specific objectives of developing these qualifications are as under:

- Provide students with a smooth transition to work.
- Develops job-readiness & enhance students' trade-specific employable skills and provide opportunities for the development of new skills.
- Provide students with the opportunity to obtain from Level II -IV technical training certification or equivalent in a given trade.
- To set high profile standard professions for the industry to generate standard outputs.
- To validate an individual skill, knowledge and understanding regarding relevant occupations.
- Provide flexible pathways and progressions in training and assessment field.

#### **Objectives**

After completing this, the students will be able to:

- Explain the core elements and the historical development of the tourism value chain
- Give an account of essential tourism trends
- Demonstrate an understanding of different tourism and hospitality products
- Understand how tourism and hospitality products are marketed both historically and currently
- Point out relevant industry stakeholders & their roles in driving innovative tourism policy making and decision-making processes strategically forwards
- Discuss central challenges in tourism today, such as that of the impacts of tourism and corporate social responsibility practices for implementation
- The core elements in tourism & the historical development of the tourism industry
- Core challenges in tourism today, such as the human, economic and environmental of tourism.

		Grade –IX			
	tion to Management	16 Periods 06 =(T),			l
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Management Function in Tourism Sector	<ul> <li>the student will be able to:</li> <li>know about management</li> <li>understand the management function in tourism sector</li> </ul>	Group Presentation /Discussion	Period (T) Period (P)		
Purpose of Management	<ul> <li>know about importance of management in tourism industry</li> <li>understand the problems of management functions and its solutions</li> </ul>	Role play on problems of management functions and its solution	Period (T) Period (P)		
Hierarchy of Management	<ul> <li>learn about management levels and their roles</li> <li>know about management skills</li> </ul>	Prepare an organogram of your school management	Period (T) Period (P)		
Ch. 2 National To	ourist Destinations	20 Periods 08=(T) 12	2=(P)		
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Introduction to National Tourists destinations	the student will be able to:     define tourists destinations     learn about tourist trends across country     locate frequently visited domestic destinations     identify upcoming events and activities at famous destinations     describe 5 "A" s of destinations (access, accommodation, attractions, activities, and amenities)	<ul> <li>Create an event calendar according to locality</li> <li>Enlist national level tourist destination</li> </ul>	Periods (T) Periods(P)	Stationar y, chart papers	Classroom/ Labs
International Tourist destinations	<ul> <li>find specific characteristics of the international tourist destinations in Pakistan</li> <li>identify the selection criteria of destination</li> <li>understand factors that can affect the tourist flow at different destinations</li> </ul>	<ul> <li>Group         Discussion/Present ation     </li> <li>Enlist key factors regarding selection criteria</li> </ul>	Periods (T) Periods (P)	Stationar y, chart papers	Classroom/ Labs
	Tourism Marketing	17 Period 08= (T) 9		70 -	***
Themes	Students' Learning	Activities	Duration	Tools	Workplace
Introduction to Tourism Marketing	Outcomes the student will be able to:  • understand tourism marketing  • identify wants and needs	Survey Market and Interview a sample to determine wants and needs of an	Periods (T) Periods(P)	Multime dia	Classroom/ Labs

	apply the basics of marketing	individual traveler			
Market Segmentation	<ul> <li>understand different markets and potential customers</li> <li>describe the types and sources of information that travel, and tourism businesses could use in the marketing process</li> <li>explore target market by a travel and tourism business with example</li> </ul>	<ul> <li>Gather and compare fare information of various transportation modes connecting same destination under the supervision of teacher</li> <li>Gather and compare hotel room rates for business traveler and leisure traveler under the supervision of teacher</li> </ul>	Periods (T) Periods (P)	Compute r system with internet connection	Classroom/ Labs
Ch.4 Culinary	Γourism-I	· · · · · · · · · · · · · · · · · · ·	29 Perio	od 11= (T)	18= (P)
Themes	Students' Learning	Activities	Duration	Tools	Workplac
Introduction to Culinary Tourism  National & Regional Cuisines	the student will be able to:  • learn the reasons that underscore the international growth of food tourism know about world's culinary aspects and cuisines  • know about national & regional cuisines know about different types of cuisines	<ul> <li>Research in small groups for tourist attraction local food points and submit findings</li> <li>Group Discussion/Presenta tion national and regional cuisine</li> </ul>	Periods (T) Periods(P)  Periods (T) Periods(P)		e Classroom/ Labs
Cooking methods  Food safety and	<ul> <li>understand cooking method</li> <li>know about basic cooking techniques</li> <li>know about basics principles</li> </ul>	<ul> <li>Enlist different types of regional cuisine</li> <li>Group Discussion/Present ation on basic cooking techniques</li> <li>Visit a hotel</li> </ul>	Periods (T) Periods (T) Periods (T)	Cleaning	Classroom/
personal hygiene	<ul> <li>of food hygiene</li> <li>know about food storage temp (FATTOM)</li> <li>know about HACCP (hazard analysis critical control point)</li> <li>identify hazardous foods observe food safety protocols</li> </ul>	kitchen and observe kitchen operations  • Practice safe food handling and demonstrate cleaning and sanitization practices in kitchen	Periods(P)	products	Labs

Ch.5 Food and	Beverages (Services) I	23 Period 8= (T) 15=(P)			
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Introduction to Food & Beverages.	<ul> <li>the student will be able to:</li> <li>know about food &amp; beverages(services) department function</li> <li>understand food &amp; beverages (services)</li> </ul>	<ul> <li>Demonstrate Table         Setups as per Food         and beverage         settings</li></ul>	Periods (T) Periods (P)	Multime dia Trolley, Cutlery, Chinawar e, Plate Covers Service Aprons,	
Types of Food Outlets	<ul> <li>know about types of services</li> <li>understand the difference between commercial and non- commercial food outlet</li> </ul>	Group Presentation/Discussio n on commercial and non-commercial food outlets	Periods (T) Period (P)	,	
Types of Food Services	<ul> <li>know about different type of services</li> <li>differentiate among types of services: <ul> <li>a' la carte</li> <li>buffet</li> <li>table de hote</li> <li>service</li> <li>English</li> <li>Russian</li> <li>French</li> <li>American</li> </ul> </li> </ul>	Demonstrate Methods of food service,	Periods (T) Periods(P)	cups, Glass, crockery, and cutlery	
Crockery and Cutlery	<ul> <li>know about equipment and materials needed for service area: (cutlery/silverware, glassware, service dishes/flats, plate rings, sauce boats, soup tureens, hot plates/plate warmers (stocked as required for service), refrigerated units, hot/cold beverage service containers)</li> <li>identify various types of cutlery/silverware, glassware</li> </ul>	<ul> <li>Demonstrate the use of equipment and materials needed for service area.</li> <li>Enlist:         <ul> <li>cutlery</li> <li>silverware</li> <li>glassware</li> </ul> </li> </ul>	Periods (T) Periods(P)	All silverwar e and crockery	
Ch.6 Introduct	ion to Event Management		17 Period 07=	(T) 10= (P	
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Introduction to Event	The Student will be able to:  • understand concept of event	Prepare event plan and checklist.	Periods (T) Periods(P)	Multime dia	Classroom/ Labs

Management	management  • know about 5C rules of event management:  o concept o coordination o control o culmination o closeout  • observe 5C of event management • know about types and levels of events	•	Attend any type of event in your school or home and monitor 5C rule			
Types and Levels of Events	<ul> <li>understand the type and categories of events</li> <li>differentiate between nature and requirements of:         <ul> <li>Private Event</li> <li>Corporate Event</li> <li>Charity and Fundraising Event</li> </ul> </li> <li>learn about online events</li> </ul>	•	Organize a charity event for clean environment.	Periods (T) Periods (P)		Classroom/ Labs
Ch.7 Principles	of Event Management			22 Period 10 =	= (T) 12 = (I	P)
Themes	Students' Learning		Activities	Duration	Tools	Workplace
Key Characteristics of Event	Outcomes  The Student will be able to  identify the key characteristics of an event according to a range of models  recognize the key management competencies required in the events industry with particular regard to policy and legal requirements	•	Use interpersonal and communications skills to produce an effective group investigation of the events industry.	Period (T) Period (P)		
Entrepreneurial Management	<ul> <li>define entrepreneurial management</li> <li>distinguish how events can contribute to society across all levels of provision from local to international</li> <li>understand entrepreneurial activity and its application</li> </ul>	•	Group Discussion/Present ation on entrepreneurial activity and its application	Period (T) Period (P)	Multime dia, computer system, internet	
Typical meeting/event registration procedures and systems	<ul> <li>define event registration</li> <li>identify and understand event registration software</li> <li>learn how to use event registration software</li> </ul>	•	Search any three software for event registration (Bookwhen, Brushfire, Eventbrite)	Period (T) Period (P)	computer system, internet	
Organizational skills in terms of event planning	<ul> <li>understand organizational skills in terms of event planning</li> <li>know customers'</li> </ul>	•	Role Play on identification of customers' needs	Period (T) Period (P)		

Ch & Introduction	requirements for the event on to Personality Development		40 Period 13:	(T) 27–(D)	
Themes	Students' Learning	Activities	Duration	Tools	Workplace
	Outcomes	11001,1010	2 0.2 0.02022	2 0 0 2 5	,, ozz. <b>p</b> zwec
Personal Development	The Student will be able to:  • understand the personal and professional aspects of life  • comprehend the importance of self-image	Role play to enhance self- awareness, self- confidence, and self-image	Periods (T) Periods(P)		Classroom/ Labs
Interpersonal and Communication Skills	<ul> <li>know model of communication</li> <li>understand effective communication</li> </ul>	<ul> <li>Role play, group exercises through listening audio or video documentaries.</li> <li>Dialogue amongst students to reflect verbal and nonverbal communication.</li> </ul>	Periods (T) Periods(P)		Classroom/ Labs
Personal Hygiene and Grooming	<ul> <li>understand the concept of personal hygiene</li> <li>comprehend importance of personal hygiene</li> </ul>	Perform personal hygiene practices as per standards in class	Periods (T) Periods(P)	Multime dia	Classroom/ Labs
Teamwork and Leadership	<ul> <li>understand the concept of teamwork and leadership</li> <li>know the importance of teamwork in a professional environment</li> </ul>	Organize a     welcome party/     birthday party     and/or a national     event	Periods (T) Periods(P)		Classroom/ Labs
Attention to Detail	<ul> <li>understand guidelines of attention to details</li> <li>understand the advantages of attention to detail in work and studies</li> <li>give attention to details to perform their tasks in an effective manner</li> </ul>	<ul> <li>Practically apply the 5 methods of attention to detail.</li> <li>Through different exercises enhance the attention to detail skill.</li> </ul>	Periods (T) Periods(P)		Classroom/ Labs
Attitude, behavior, and customer care	<ul> <li>understand the impact of positive and negative attitude in daily life</li> <li>learn the concepts of attitude and behavior</li> </ul>	<ul> <li>Through different scenarios practically apply the principles of customer care and positive attitude.</li> <li>Exercise and deal with problematic and angry persons by conducting role plays</li> </ul>	Periods (T) Periods(P)		Classroom/ Labs

		Grade –X			
Ch1. Principles of	f Management-X		28 Period 12=	=(T) 16=(P)	
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Introduction to Tourism Management	<ul> <li>the student will be able to:</li> <li>understand tourism management</li> <li>know about importance of tourism on economy</li> </ul>	Group     Presentation/discus     sion on importance     of tourism on     economy	Period (T) Period (P)		
Operational Issues in Tourism Business	<ul> <li>define operational issues in tourism business</li> <li>learn how to manage operational issues in tourism business</li> </ul>	<ul> <li>Enlist operational issues and tourism business</li> <li>Group Presentation/discus sion on Management of operational issues</li> </ul>	Period (T) Period (P)		
Human Recourse Management in Tourism Business	<ul> <li>understand human resource</li> <li>learn about importance of human resource in tourism business</li> </ul>	Group     Presentation/discus     sion on human     resource     management	Period (T) Period (P)		
Tourism Management Steps	<ul> <li>understand niche tourism and traditional tourism</li> <li>differentiate niche tourism and traditional tourism</li> <li>know about four key steps for managing tourism development</li> </ul>	Group     Presentation/discus     sion on traditional     tourism	Period (T) Period (P)		
Ch. 2 Internation	nal Tourist flow in Pakistan		21 Period 06=	= (T) 15=(P	)
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Introduction to Tourist Destinations	The Student will be able to:  • know about tourist destinations  • Understand changing tourist behavior	<ul> <li>Collect tourist statistics for any given destination during a given time period</li> <li>Gather and Analyze available data</li> </ul>	Periods (T) Periods(P)	Multime dia	Classroom/ Labs
Factors effecting tourist flow	<ul> <li>know the factor that can affect tourists' flow</li> <li>Understand geographic condition of the local tourist destination</li> </ul>	<ul> <li>Enlist factors         involved in tourist         flow</li> <li>Group         Presentation/discus         sion on         geographical         conditions of the</li> </ul>	Period (T) Period (P)		

			local tourist destinations			
Tourist attractions Natural and Manmade	<ul> <li>Know about visitor attraction</li> <li>Understand importance of tourist attractions         <ul> <li>Natural</li> <li>Manmade</li> </ul> </li> </ul>	•	Enlist tourist Attractions across Pakistan	Period (T) Period (P)		
Ch.3 Tourism M	arketing			17 Period 08=	(T) 9=(P)	
Themes	Students' Learning Outcomes		Activities	Duration	Tools	Workplace
Tourism Marketing Planning and Forecasting	The Student will be able to:  • know Tourism Marketing & Planning  • Understand Sales forecasting in tourism promotion  • Understand Components of a marketing plan	•	Group Presentation/Discus sion sales forecasting and tourism promotion	Period (T) Period (P)		
The Consumer Market	<ul> <li>Know about consumer behavior and the marketing mix</li> <li>Understand consumer decision making</li> <li>Know how to influence on consumer decisions</li> <li>Know about P's of marketing</li> <li>Understand Target markets and potential customers (Market Segmentation)</li> </ul>	•	Group Presentation/ Discussion on market segmentation and 7 Ps of marketing Roleplay on difficult customer and seller	Period (T) Period (P)		
Ch.4 Sports Tour	rism-			46 Period 13=	(T) 33=(P)	
Themes	Students' Learning Outcomes		Activities	Duration	Tools	Workplace
Introduction to Sports Tourism Industry	the student will be able to:  • know about connections between sports and tourism know the importance of sports tourism at regional/national levels	•	Present national/internation al level sports event venues across Pakistan Organize a sports event in your school.	Periods (T) Periods(P)	Sports activities calendars	Classroom/ Labs
Sports Tourism and Sports Tourist	<ul> <li>understand culture and identity involvement in sports tourism</li> <li>know about international sports promotion</li> <li>understand the role of concerned organizations for conducting</li> </ul>	•	Explore regional/local sports festivals and present their experiences accompany sports tourists to a sports	Periods (T) Periods(P)	,	Classroom/ Labs

	sports activities	destination and submit report on your findings			
Sports Tourism and Recreation	<ul> <li>learn about different recreation and adventure sports activities</li> <li>know about modern landscapes and retro parks</li> </ul>	<ul> <li>Group         Presentation/discus sion     </li> <li>Enlist nationwide sports event</li> </ul>	Periods (T) Period (P)		Classroom/ Labs
Annual Sports Events in Pakistan	familiarize with sports events nationwide (national/international recognized events)  identify sports and places of competitions	<ul> <li>Create national sports activities calendar</li> <li>Make a calendar of district level sports competitions</li> </ul>	Periods (T) Periods(P)		
Sectors Enhancing Sports Industry	<ul> <li>The Student will be able to:</li> <li>Know about multiple sectors that boost sports industry</li> <li>Identify top sports event in Pakistan and across the world</li> </ul>	Enlist national and international sports event	Period (T) Period (P)		
Various Destination For Sports Tourism	<ul> <li>understand strategies for the facilitation of sports tourists</li> <li>understand geographical aspects of various destinations for sports tourism</li> </ul>	<ul> <li>Group         presentation/discus         sion on strategies of         the facilitation of         sports tourist</li> <li>Enlist geographical         aspect of various         sports destination</li> </ul>	Period (T) Period (P)		
·	Tourism-II		13 Period 04=		
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Culinary Tourism Impact	<ul> <li>the student will be able to:</li> <li>know about culinary arts and its impact on tourism</li> <li>understand social, cultural, and environmental impacts of regional/national food</li> </ul>	<ul> <li>Presentation on social and cultural impact on tourist</li> <li>Enlist regional and national famous food</li> </ul>	Period (T) Period (P)		
Culinary Destination in Pakistan	<ul> <li>identify top culinary destination at regional and national level</li> <li>know about Pakistani culinary art culture</li> </ul>	Prepare picture gallery of Pakistani culinary art	Period (T) Period (P)		
Ch.6 Food and	Beverages (Services)-II		21 Period 5 =	(T) 9 = (P)	
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workpla ce
Food Services	<ul> <li>the student will be able to:</li> <li>know about food services</li> <li>understand type of food services</li> </ul>	<ul> <li>Demonstrate different types services (Buffet, American)</li> <li>Role play (15/5)</li> </ul>	Period (T) Period (P)		

	• know about 15/5 rule	rule			
Services Ware	<ul> <li>know about service ware, chinaware</li> <li>know about basic tools and equipment's)</li> </ul>	Enlist all serviceware	Period (T) Period (P)	Bussing tray Silver ware Crockery Serviettes Table cloth Goblet Wall clock	1
Ch.7 Tour Ope	rations-X		16= Period 04	l= (T) 12= (	<b>P</b> )
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Relationship between Tourism Components	<ul> <li>the student will be able to:</li> <li>define relationships of various tour components such as</li> <li>transportation,</li> <li>lodging,</li> <li>dining,</li> <li>sightseeing,</li> <li>attractions,</li> <li>shopping)</li> <li>understand different types of tour operators as well as basic types of organizational structures</li> </ul>	<ul> <li>Group         Presentation/         Discussion on         organizational         structures of tour         operators</li> <li>Enlist tour         components</li> </ul>	Period (T) Period (P)	Multime dia, computer system with MS office	
Major Function of Tour Operations	<ul> <li>understand the three major function of tour operations:         <ul> <li>pre-tour operation,</li> <li>tour execution,</li> <li>post-tour phase</li> </ul> </li> <li>understand how to manage tour operations effectively</li> </ul>	<ul> <li>Group         Presentation/discus sion on management of tour operations     </li> <li>Prepare a checklist for a planned tour to Northern Areas</li> </ul>	Period (T) Period (P)	Multime dia, computer system with MS office	
Ch.8 Tour Plan	ning-		23 Period 07=	(T) 15=(P)	
Themes	Students' Learning Outcomes	Activities	Duration	Tools	Workplace
Tour Itinerary	the student will be able to:  • understand tour itinerary  • learn how to collect visitors' requirements for the specific tour	<ul> <li>Visit tour operators office and observe their operation</li> <li>Roleplay on collection of visitors' requirement for specific tours</li> <li>Prepare suitable tour itinerary</li> </ul>	Periods (T) Periods(P)	computer system with internet connectio n	Classroom/ Labs
Trip Planning Process	<ul> <li>understand the stages of trip planning process</li> <li>learn how to calculate the tour cost (accommodation, transportation, and guide fee)</li> </ul>	Prepare a costing sheet for 7 days tour per person	Periods (T) Periods(P)	Compute r system with MS Office	Classroom/ Labs

Safety Measure	<ul><li>identify alternative measures to a critical situation</li><li>learn first aid</li></ul>	Basic First-Aid     Training under     expert supervision	Periods (T) Periods (P)	Medical first Aid kit	
	<ul> <li>identify nearest medical facilities</li> </ul>				

#### **Assessment and Evaluation**

Assessment is the practice of collecting evidence of student learning. It aims at improving learning and teaching as well as recognizing the achievement of students. It determines students 'progression through their learning experiences and enables them to demonstrate that they have achieved the intended learning outcomes. The assessment is aligned with curriculum aims, design and learning processes.

Evaluation is an integral part of teaching-learning process. It involves gathering information through various assessment techniques, making valuable judgment and sound decisions. Assessment provides information and teaching about students' achievement in relation to learning objectives. With this information, the teacher makes informed decisions about what should be done to enhance the learning of students or to improve teaching methods. Assessment must be:

- mainly open-ended, allowing for discussion and revision of new understanding.
- tolerant of divergent thinking of students and promote the notion of no 'one right answer'.
- presented in alternative mode, not just paper-and-pencil responses to limiting questions.
- designed to foster analysis, comparison, generalization, prediction, and modification according to the grade and development level.
- capable of promoting collaboration and team effort in demonstration of competence.
- ongoing and cumulative, showing growth over time.

#### Formative (Internal) Assessment

Internal assessment refers to the assessment practices employed as part of the learning and teaching process. It is an ongoing process throughout the session and uses Test — Feedback — Adjust cycle repeatedly to improve students' performance and efficiency in learning and teaching. In designing internal assessment for the subject, teachers should maintain a proper balance between the formative and summative functions of assessment. It should be comprehensive to cover all the objectives as per curriculum. A diversity of assessment modes should be adopted so that students are given opportunities to develop and demonstrate the full range of learning outcomes of the curriculum, including those of knowledge, skills and values and attitudes.

### **Methods for Internal/Formative Assessment**

Following tasks can help in formative assessment.

- Assignments
- Ouizzes
- Tests
- Group discussions
- Oral/multimedia presentations
- Worksheets
- Online interactive activities
- Role play
- Demonstration
- Practical exercises

Feedback on students' work in all the above tasks must be prompt, effective, and efficient assessment should have questions setting that specifically help in finding out knowledge, understanding and skills.

#### **Summative /External Assessment**

Summative assessment will be managed by concerned Board of Intermediate and Secondary Education. It will be composed of two parts.

- 1) Theory Assessment /Written examination: The theory examination is suggested to consist of a wide variety of questions. Its overall weight age should be 40 %. It should be based on the curriculum rather than textbook. The assessment should be designed to examine the candidate's understanding of the whole syllabus and should test the range of abilities according to Bloom Taxonomy.
- 2) **Practical Assessment/Practical examination:** This is designed to test Practical skills of students. Its overall weight age should be 60%. It will comprise of written exam (10%), practical (70 %) and viva/oral exam (20%).

A standards-referenced approach will be adopted for grading and reporting student performance. The purpose of this approach is to recognize what each student can do the in the subject at the end of the 2-year secondary school level education. The performance of each student will be matched against a set of performance standards, rather than comparing to the performance of other students. It makes the implicit standards explicit by providing specific indication of individual student performance. Descriptions will be provided for the set of standards.

# **Guidelines for Writing a Textbook**

A textbook is an important teaching and learning resource and one of the most extensively used resources in classrooms. To reflect national needs and aspirations the needs and aspirations, the textbooks should be written in accordance with this curriculum. This curriculum meets not only the general aims and objectives but also fulfills the specific requirements of the individual subject. As the textbook serves as a framework for teaching, the author/authors should consider the following features:

- A textbook must include an introduction to the textbook, explaining how to use the textbook
- The textbook must be in line with the National Curriculum, covering all SLOs of each theme or concept.
- Content and illustrations must be culturally, contextually and age appropriate.
- All text and material must be accurate, up-to-date and error-free.
- The continuity of the concepts, their integration and logical development should be ensured.
- Horizontal and vertical overlapping of the concepts should be avoided.
- The textbook should be informative and interactive with questions to be put at suitable intervals to provoke the students to think.
- The language used should be simple, clear, straight forward, unambiguous, and easily comprehensible by the students of the level.

- Simple questions may be asked within the chapter, which requires students to recall, think, and apply what they have just learnt as well as to reinforce the learning of the concepts and principle.
- The examples and applications should be from everyday life and be supportive of our cultural values.
- Photographs and illustrations should be clear, labeled, and supportive of the text. Tables, flow charts and graph may be given wherever needed.
- Key points at the end of each chapter should provide a summary of the important concepts and principles discussed in the chapter.
- End-of-the-Chapter exercises must include a variety of assessment styles based on levels of Bloom's Taxonomy. These should encourage students to think, develop skills, and use information for a variety of purposes.
- Textbooks should be free from all kinds of biases including, gender, religion, occupation, social background etc.
- To make the students self-learner use of IT based resources may be encouraged. Relevant internet links and other online resources may be included.
- Glossary of the new vocabulary must be included.

#### Guideline for planning and writing a chapter

The textbook author may decide the titles of each chapter and can choose to cover students' learning outcomes (SLOs) from any themes in developing the content of the chapter. The textbook author must also keep in mind that a number of SLOs cannot be addressed in the text (as if this is done it would lead students to simply memorize the text and not serve the realization of the curriculum). These SLOs could be realized through questions and practical activities within and at the end of the chapter exercises.

- Learning outcomes must be given at beginning of each chapter.
- Decide on key ideas, facts, concepts, skills, and values that can be developed.
- Illustrations must clearly convey the desired concept.
- Activities must demand from students to do inquiry and problem solving according to grade level.
- Ensure that the content is up to date, accurate and developmentally appropriate.
- Contents must be in line with chapter outcomes.
- Language must be consistent, culturally appropriate, and grammatically correct (as if talking to a group).
- Language must engage and hold reader's attention.
- Recall previous learning, where possible.
- Structure the writing so that the sentence is simple, paragraphs deal with single ideas etc.
- Interesting information in the form of tidbits, fact file, point to ponder etc. must be given.
- Write a summary/concept map at end of each chapter, reviewing key knowledge and skills.
- End-of-chapter exercises
- Recall and integrate previous learning
- Engage students and develop their creativity
- Move from lower to higher order thinking

- Focus on multiple intelligences
- Keep the text contextually relevant in line with local teaching and learning.
- Provide website links for further research

### **Guidelines for Writing Learner Workbook**

Workbooks are books that contain writing activities and exercises that build upon each chapter in the textbook. Workbook exercises help students to develop conceptual understanding of the concepts dealt with in the text, to develop skills and to apply knowledge to new situations. Basic features of a workbook A workbook should have:

- Various exercises and activities for each chapter, topic, subtopic.
- Exercises and activities that will enable student to develop and practice the content knowledge, skills and higher order thinking.
- Accurate and variety of exercises.
- Clear illustrations/ examples/ explanations to show what students are supposed to do, and/or what product looks like.
- Exercises and activities with a variety of purposeful, stimulating, challenging and innovative items to encourage students to review and practice the knowledge and skills they have learnt.
- Exercises that include both constructed and restricted response items.
- Activities, which requires readily available, acceptable, and affordable materials and resources.

**Basic Requirements for Lab (Tools/Equipment)**