

CBSE | DEPARTMENT OF SKILL EDUCATION

Module for Middle School (Photography Module - III)

INTRODUCTION TO PHOTOGRAPHY

OBJECTIVES OF THE MODULE:

This module of Photography focuses on:

- Helping learners understand the digital image formats and creating of images by a camera.
- Guiding the learner towards handling and operating photography equipment. This also empowers the learner to get better control on exposure, camera angles, lighting and quality of photographs.
- Explaining the process of lighting for photography and posing for creating quality portraits and product images.
- Creating photo projects and learning the technicalities and process of photography by participation in engaging hands-on activities.

OUTLINE CURRICULUM:

Module - III (15 Hrs)		
Unit	Theory (6 Hrs)	Practical (9 Hrs)
1. Introduction to Photography	2 Hours	2 Hours
2. Understanding Camera & Equipment	2 Hours	2 Hours
3. Art of Photography	1 Hour	1 Hour
4. Practical Photography: Projects and Assignments	1 Hour	4 Hours
Total Duration	15 Hours	
Total Marks	50 marks (Theory = 15 + Practical 35)	

ASSIGNMENTS AND PROJECTS:

1. Portrait Photography	2. Product Photography	3. Photo story
a. Participant should take 5 photographs of human subjects b. Each of the photographs should use a different Lighting technique c. Participant must use 3-point light setup in at least 1 photograph	a. Participant should take 5 photographs b. Each of the photographs should focus on one physical product. c. Participant must use at least 2 different products	a. Participant should take 10-15 photographs b. These photographs must collectively tell a story in detail, which can be actual or scripted c. The story can be an experience or a situation

UNIT WISE DETAILED CURRICULUM:

Module - III (15 Hrs)			
Unit	Learning Objective	Theory (6 Hrs)	Practical (9 Hrs)
1. Introduction to Photography and Digital Imaging (Theory: 2 Hrs Practical: 2 Hrs)	<ol style="list-style-type: none"> 1. Understanding Digital Images 2. Describe the Creation of images by a camera 3. Explain RAW format 	<ol style="list-style-type: none"> 1. Explain Digital Image and its components 2. Describe Image formats 3. Explain Working of a DSLR to create an electronic Image 4. Introduction to RAW image 	<ol style="list-style-type: none"> 1. Demonstrate RAW image capturing 2. Demonstrate the use of tripod to stabilize camera
2. Understanding Camera & Equipment (Theory: 2 Hrs Practical: 2 Hrs)	<ol style="list-style-type: none"> 1. Demonstrate the use of a DSLR camera with multiple lenses 2. Describe the equipment used in photography 	<ol style="list-style-type: none"> 1. Explain advanced features of DSLR camera 2. List and describe commonly used photography equipment 3. Explain exposure in detail 4. Explain the usage and functioning of Flash and Lights for photography 5. Describe lens types and usage 	<ol style="list-style-type: none"> 1. Demonstrate the use of White balance 2. Demonstrate long exposure photography 3. Demonstrate use of on-camera flash 4. Demonstrate the use and functionality of Telephoto lens. 5. Demonstrate the use of lights in product photography
3. Art of Photography (Theory: 1 Hr Practical: 1 Hr)	<ol style="list-style-type: none"> 1. Demonstrate the process of Lighting 2. Demonstrate posing and placement for Photography 3. Describe storytelling with photographs 	<ol style="list-style-type: none"> 1. Describe different types of lighting equipment used in photography 2. Explain types of lighting setups 3. Explain the importance of posing and guidelines for good posing 4. Explain the process of storytelling through photographs 	<ol style="list-style-type: none"> 1. Demonstrate 3 Point light setup 2. Demonstrate creation of High-Key and Low-Key images using Flash and lights 3. Demonstrate portrait photography making use of posing guidelines 4. Demonstrate creation of a photo story
4. Practical Photography: Projects and Assignments (Theory: 1 Hr Practical: 4 Hrs)	<ol style="list-style-type: none"> 1. Demonstrate the application of different lights and setups in photography 	<ol style="list-style-type: none"> 1. Explain the process and setup for product photoshoot 2. Explain the setup required for portrait photography 	<p>Assignments and Projects</p> <ol style="list-style-type: none"> 1. Portrait Photography 2. Product photography 3. Photo story