Dubai International Private School -Br

DIPS, *in partnership with parents and community, strives to ensure all students are digitally literate, lifelong learners, productive citizens and nurture their well-being in an inclusive learning environment.*

Computer Department

Semester: 1   **2024 – 2025**

Grade Level	10	Subject: Graphic Design
Teacher(s) Name	Mr. Nader Madi	
Textbook	Photopea	

Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code
1	26 Aug	30 Aug	• Concepts of Design • GIF, JPEG formats	2-AP-11 Understanding the elements and principles of design (line, shape, color, texture, space, form, balance, contrast, hierarchy, rhythm, etc.). Developing skills in visual communication and aesthetics. Studying art and design history to understand different movements, styles, and cultural impacts.
2	2 Sept	6 Sept	• Color Models • RGB Color • Color Depth	2-AP-11 Understanding the elements and principles of design (line, shape, color, texture, space, form, balance, contrast, hierarchy, rhythm, etc.). Developing skills in visual communication and aesthetics. Studying art and design history to understand different movements, styles, and cultural impacts.
3	9 Sept	13 Sept	• Elements of Design • Form, Color, Texture, Space, Shape, Line	2-AP-10 Understanding the elements and principles of design (line, shape, color, texture, space, form, balance, contrast, hierarchy, rhythm, etc.).
4	16 Sept	20 Sept	• Bitmap Images • Vector Graphics • Pixel Dimensions • Image Resolution	2-AP-12 Understanding file formats, resolutions, and optimization techniques for various media.
5	23 Sept	27 Sept	• Using Toolbar • Using SELECT tool • Using Palette	2-AP-12 Understanding file formats, resolutions, and optimization techniques for various media.

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6	30 Sept	4 Oct	• Creating a design • Adding Layers • Rename Layer • Duplicate Layer • Using Zoom tool	2-AP-11 Developing skills in visual communication and aesthetics.
7	7 Oct	11 Oct	• Difference between Foreground and Background • SELECT & DESELECT objects	2-AP-12 Understanding the stages of the design process: research, ideation, sketching, prototyping, and iteration. Learning to conduct user research, persona creation, and usability testing.
8	14 Oct	18 Oct	• Frame your work • Canva options • Text tool • Gradient tool	2-AP-12 Understanding the stages of the design process: research, ideation, sketching, prototyping, and iteration. Learning to conduct user research, persona creation, and usability testing.
9	21 Oct	25 Oct	• Contract Options • Gaussian Blur • Noise Filter	2-AP-12 Understanding the stages of the design process: research, ideation, sketching, prototyping, and iteration. Learning to conduct user research, persona creation, and usability testing.
10	28 Oct	1 Nov	• Background Manipulation • Change the Background of an image	2-AP-12 Understanding the stages of the design process: research, ideation, sketching, prototyping, and iteration. Learning to conduct user research, persona creation, and usability testing.
11	4 Nov	8 Nov	• Changing Complex Background • Adding a Gel Effect to a Caption	2-AP-12 Understanding the stages of the design process: research, ideation, sketching, prototyping, and iteration. Learning to conduct user research, persona creation, and usability testing.
12	11 Nov	15 Nov	• Using the following tools: • Magic Wand, Move, Matting, Defringe	2-AP-12 Understanding the stages of the design process: research, ideation, sketching, prototyping, and iteration.

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				Learning to conduct user research, persona creation, and usability testing.
13	18 Nov	22 Nov	• Using Magnetic Lasso tool • Feathering • Scale Option • Flipping Objects	2-AP-12 Understanding the stages of the design process: research, ideation, sketching, prototyping, and iteration. Learning to conduct user research, persona creation, and usability testing.
14	25 Nov	29 Nov	• Text Tool • Blending Options • Drop Shadow	6-8.CT.d.4 Understanding typography principles, including type anatomy, classification, and font pairing. Learning to create effective layouts with text, focusing on readability, legibility, and visual hierarchy. Applying typography in various design contexts, such as print, web, and mobile interfaces.
15	2 Dec	6 Dec	• Outer Glue • Bevel & Emboss • Vivid & Global Light	6-8.CT.e.1 Applying typography in various design contexts, such as print, web, and mobile interfaces.
16	9 Dec	13 Dec	• Image Composition • Composing Different Images • Retouching an Image • Removing Wrinkles from Faces	6-8.CT.e.1 Understanding print production processes, including pre-press, paper selection, and print techniques. Learning layout design for various print materials (brochures, magazines, posters, packaging). Mastering grid systems, margins, bleeds, and other considerations for print layouts.
17	6 Jan	10 Jan	• Using Levels • Brightness and Contrast • Auto Contrast • Auto Levels	6-8.CT.e.1 Learning layout design for various print materials (brochures, magazines, posters, packaging). Mastering grid systems, margins, bleeds, and other considerations for print layouts.
18	13 Jan	17 Jan	**Final Exams**	
19	20 Jan	24 Jan	**Final Exams**	