Business &
Computer Science

Brunswick School Department
Graphic Design
Landscapes, Scenes, and Animation

Essential Understandings	▪ Good technique in creating believable landscapes and scenes does not arrive instantaneously; it develops over time with patience. ▪ Learning to recognize and create what the hiring or end customer wants requires communication and openness to constructive criticism. ▪ One needs to be aware of the best work in order to emulate or surpass efforts. ▪ Simple animations can still be done using Photoshop.
Essential Questions	▪ What methods, file types, and resolutions are suited to landscapes and scene creation, and how does the intended use affect these considerations? ▪ What are the elements of successful design that can be simulated with current knowledge of Photoshop tools and techniques? ▪ What methods produce the most convincing underwater scenes, star fields, planets, and galaxies?
Essential Knowledge	▪ Landscapes and scenes created in Photoshop will find uses in videos, television, and on the Web. ▪ There will not always be a single tutorial to tell specific steps to accomplish an outcome. One may have to get creative and imaginative. ▪ Knowledge of moving between different image file types is important.
Vocabulary	▪ <u>Terms</u>: o underwater scene, gradients, flares, circular marquee, frames, tweens
Essential Skills	▪ Use filters and gradients to create the illusion of water. ▪ Use layers and noise filters to create the illusion of stars. ▪ Use circular selection tools to form planets. ▪ Use layer masks to extract fish and sea life from other photos.

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Related Maine Learning Results	<u>Career and Education Development</u>
	B. Learning About and Exploring Education, Career and Life Roles
	    B1. Relationships among Learning, Work, the Community, and the Global Economy
	       Students evaluate strategies for improving educational achievement, increasing participation as an involved citizen, and increasing work options and earning potential in a 21st century global economy.
	    B2. Skills for Individual/Personal Success in the 21st Century
	       Students evaluate strategies to improve skills that lead to lifelong learning and success in the classroom, and the achievement of schoolwork, work and career, and personal life goals.
	       a. Literacy skills
	       b. Numeracy
	       c. Critical thinking skills
	       d. Information and communication technology (ICT) literacy
	       e. Interpersonal skills
	       f. Other academic skills and knowledge
	    B3. Education and Career Information
	       Students use previously acquired knowledge and skills to evaluate and utilize a variety of resources to articulate a plan and make decisions for post-secondary education, training, and career choices.

Sample Lessons And Activities	▪ Create an underwater scene. ▪ Create a realistic star field. ▪ Create an animation.
Sample Classroom Assessment Methods	▪ Quiz on image file types.
Sample Resources	▪ <u>Other Resources:</u> o Teacher created materials and Photoshop CS4 software