

Digital Photography



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“I think a photography class should be a requirement in all educational programs because it makes you see the world rather than just look at it.”

Author Unknown





TABLE OF CONTENTS

Unit Studies – The Easy Way!	7
Getting Started.....	9
Introduction	11
Family Project Ideas.....	13
<u>Week One</u>	
Lower Level: Day One	15
Upper Level: Day One.....	17
Lower Level: Day Two	19
Upper Level: Day Two	21
Lower Level: Day Three	23
Upper Level: Day Three	25
Lower Level: Day Four	27
Upper Level: Day Four	29
Lower and Upper Levels: Day Five	31
Additional Internet Sites.....	32
Favorite Findings of the Week	33

Week Two

Lower Level: Day One	36
Upper Level: Day One.....	38
Lower Level: Day Two	40
Upper Level: Day Two	42
Lower Level: Day Three	44
Upper Level: Day Three	46
Lower Level: Day Four	48
Upper Level: Day Four	50
Lower and Upper Levels: Day Five.....	52
Additional Internet Sites	53
Favorite Findings of the Week	54

Week Three

Lower Level: Day One	57
Upper Level: Day One.....	59
Lower Level: Day Two	61
Upper Level: Day Two	63
Lower Level: Day Three	65
Upper Level: Day Three	67
Lower Level: Day Four	69
Upper Level: Day Four	71
Lower and Upper Levels: Day Five	73
Additional Internet Sites.....	74
Favorite Findings of the Week.....	75

Week Four

Lower Level: Day One	78
Upper Level: Day One.....	80
Lower Level: Day Two	82
Upper Level: Day Two.....	84
Lower Level: Day Three	86
Upper Level: Day Three	88

Lower Level: Day Four	90
Upper Level: Day Four	92
Lower and Upper Levels: Day Five	94
Additional Internet Sites	95
Favorite Findings of the Week	96
Scavenger Hunt: Weekly Activity Pages	98
Parent Information.....	104
Favorite Resources	105



UNIT STUDIES – THE EASY WAY!

Welcome to Amanda Bennett's interactive unit study series—easy-to-use unit studies written in a cross-curricular approach about many interesting and important topics. Using simplicity and readily-available resources to enhance the learning process, your children can learn about these topics in ways never before possible. Unit studies allow students to use a natural learning process—one that is so familiar to us as we become adults, and yet is far removed from textbooks, full of concentrated and condensed facts and figures.

Using these studies, your children will learn about a particular topic, covering the science, history, geography, art, and any other areas of study that apply to the topic. These books make learning a fascinating and thought-provoking adventure, which is the way that learning **SHOULD** be—lifelong learners are successful, inquisitive and engaging, contributing so much to our world. Let's face it—many people would love to give up their dry and fact-filled textbooks to try unit studies, but don't have the time to do the research and /or preparation, or the confidence to try a new method of learning.

I understand these problems and hesitations all too well. As we considered educating our own children using unit studies, we had the same questions. Where do we begin, how do I structure the study, what do I cover, how do I record the work? This series of books is a product of this adventure—**designed to make your path simpler and your load lighter, while guiding your students along a successful road of learning.**

Written with you and your family in mind, you will know what to do each day; what to cover; and what is important to study about dogs. The research and preparation have been done for you. The daily plan and assignments are here, ready for immediate use. You will find that this guide uses the Internet and other books as resources. This has been done for many reasons, among which include the wealth of information now available online for in-depth studies, the ease of accessing this information for most parents and teachers, as well as the fact that it is affordable and much simpler to use than numerous trips to the library or bookstore.

Please note that the Internet sites used have been carefully screened for appropriate content for the study. (Parents & teachers—remember that Internet site content can change overnight—please check the sites that you plan to use, **BEFORE** using them in the study, to make sure the content is still appropriate.)

This book is divided into four weeks of study. Designed for all ages, from early elementary through adult, each day has a basic structured learning plan for Elementary Grades (**Lower Level**) and one for Jr./Sr. High Grades (**Upper Level**). Depending on the ages and needs of your children, you can choose to use all or just a few of the daily assignments. For example, a six-year-old student might be assigned only one or two spelling words and perhaps just one of the Read and Discover questions, while a ten-year-old student might do most of the **Lower Level** assignments for each day. The same holds true for Jr./Sr. High school students. While most high school juniors or seniors should be able to complete all of the daily assignments on the **Upper Level**, a fourteen-year-old might not be ready to handle that much work in a day. Use these lessons as a tool and customize them to fit your family and your children's needs. What doesn't get completed this year can be left for further study next year.

The Daily Learning Plan is comprised of the following basic components:

- **Today's Passage**—to be read, copied, and perhaps even memorized.
- **Words of Wisdom (WOW)**—spelling/vocabulary words and their definitions to be written, studied, and learned.
- **People and Places to Know**—important and interesting people and places will be investigated during the study.
- **Read and Discover**—questions that must be researched and answered as each topic is explored.

DIGITAL PHOTOGRAPHY: WEEK ONE



Learning Objectives

- Learn about the early history of photography.
- Investigate some of the early photographs and their origins.
- Study the inventors involved in the development of the camera.
- Become familiar with the basic elements of a camera.



DIGITAL PHOTOGRAPHY:

WEEK ONE – DAY ONE

LOWER LEVEL

Take Me There

Video: [Photography for Kids](#)

Video: [History of Cameras](#)

Today's Quote

Copy today's quote into your journal:

**"This is my Father's world:
He shines in all that's fair;
In the rustling grass I hear Him pass;
He speaks to me everywhere."
Maltbie D. Babcock**

Words of Wisdom (WOW Words)

Look up the following words in the dictionary and write the words and their definitions in your journal. **Website suggestions:** [Webster's 1828 Dictionary](#), [Word Central](#), and [Photography Glossary](#)

**picture
frame
flash**

Interesting People and Places

Using books or the Internet sites shown below, look up **Joseph Niépce**. Who was he and what famous thing did he create that begins the history of photographs? Write or narrate the answers for your journal. **Website suggestions:** [Niépce](#), [Niépce](#), and [History of Photography](#)

Read and Discover

Using books or the Internet sites shown below, read the following questions and find the answers. Write or narrate your answers for your journal.

1. In your own words, describe the meaning of the word **photograph**. Write your description in your journal.
2. What is the definition of **photograph**? Write it in your Journal. **Website suggestion:** [Photograph](#)
3. What is a **camera**? **Website suggestion:** [Camera](#)
4. Before the camera was invented, how did people make a record of what people and places looked like? **Website suggestions:** [History of Drawing](#) and [Art History](#)
5. Draw a picture of your digital camera or cell phone, and then label the main camera parts of the camera or phone on the sketch. **Website suggestion:** [Parts of a Digital Camera](#)
6. Today you begin a new adventure—the **Alphabet Photo Challenge**! Search for something that begins with the letter “A”, like “apple”, and take a picture of it for your Alphabet Photo Album pages. Good luck, and don’t forget, the word alligator begins with letter “A”, too!

Internet Resource

[How to Use a Digital Camera](#)



DIGITAL PHOTOGRAPHY:

WEEK ONE – DAY ONE

UPPER LEVEL

Take Me There

Video: [History of Photography](#)

Video: [Joseph Niepce](#)

Today's Quote

Copy today's quote into your journal:

**"This is my Father's world:
He shines in all that's fair;
In the rustling grass I hear Him pass;
He speaks to me everywhere."
Maltbie D. Babcock**

Words of Wisdom (WOW Words)

Look up the following words in the dictionary and write the words and their definitions in your journal. **Website suggestions:** [Webster's 1828 Dictionary](#), [Dictionary.com](#), and [Photography Glossary](#)

focus

frame

effect

Interesting People and Places

Using books or the Internet sites shown below, look up **Joseph Nicéphore Niépce**. Who was he, and what famous first is he credited with? His name was given to a special geological feature on something in our solar system—what was it? Summarize your answers in your journal. **Website suggestions:** [Niépce](#), [Niépce](#), [History of Photography](#), and [Solar System Recognition](#)

Read and Discover

Using books or the Internet sites shown below, find the answers to these questions and record your answers in your journal along with the source of your information (book, website, etc.).

1. Who was **Aristotle** and how was he involved in the history of photography?
Website suggestions: [Aristotle](#), [Aristotle](#), and [Aristotle](#)
2. Before the introduction of photography, how did people record the visual images of portraits and landscapes? How did artists react to the introduction of photography? Do you think that their reaction was reasonable? **Website suggestion:** [Artists and Photography](#)
3. Draw a detailed sketch of your digital camera or cell phone in your journal and label each part of the camera or cell phone. Write a description of the function of each part in your journal. **Website suggestion:** [Parts of a Digital Camera](#)
4. In your own words, describe the development of the camera from the days of Aristotle to modern times in two or three paragraphs. **Website suggestions:** [History of Photography Timeline](#) and [Development of the Camera](#)

Internet Resource

[How to Use a Digital Camera](#)

