

# Digital PHtOGRAPHY

## **Overview:**

Students will learn how their digital cameras work and how to best use them and the functions their camera is equipped with. Each week the students will get a homework assignment of photographs to take using the knowledge they received in class. They will need to either print or develop these pictures before the next class time.

**Target age:** 4<sup>th</sup> – 6<sup>th</sup> grade (students should be comfortable writing key points in their notebooks)

## **Course outline:**

Week 1 – History of photography and the basics of our cameras

Week 2 – Photography occupations

Week 3 – Shutters

Week 4 – Light and shadows

Week 5 – Focusing and optical vs. digital zoom

Week 6 – Rule of Thirds and framing your pictures

Week 7 – Pixels and resolution

Week 8 – Depth of field (portrait and landscape)

Week 9 – Flash and “red eye”, common photography mistakes

Week 10 – Macro setting

Week 11 – Landscape photos

Week 12 – Photo editing programs

## **Supplies needed:**

Each student MUST have a digital camera (his own or one he can borrow each week). The cameras should have a flash and some menu options (such as resolution, flash options, screen for immediate viewing, and portrait/landscape options). Each student should have a notebook and pencil.

**Additional materials cost:** none