

It's all about Perspective

Collaborative Classroom Grant Application

Billings Senior High

Dennis Holmes

holmesd@billings.k12.mt.us
O: 406-247-2100

Lyn M. McKinney

Senior High 425 Grand Ave.
Billings, MT 59101

mckinneyl@billingssschools.org
O: 406-281-5442
F: 406-281-6174

Application Form

Report Fields

Project Name*

Name of Project

It's all about Perspective

Amount Requested

Amount Requested

\$1,999.00

Grade Level

Program Area of Request

High School (9-12)

Primary Subject Area

Please choose the primary subject area.

Arts (Music, Art)

School

Please select your school.

Senior High School

Applicants*

Please list the educators collaborating on this grant.

Houston Harmon, Photography teacher

Josh Keller, Tech Ed/Drafting teacher

Senior High Librarians, Jan Allen, Lyn McKinney, Rachel Schillreff

Number of Students Served

Please enter the number of students that will be served by this grant.

500

Project Cost

What is the total cost of your project?

1,999.00

Statement of Need

Please describe the need for this project. For example, how will this project impact student learning?

In order to expose students to photography fundamentals, it is crucial to have a raw photo that has good lines. Especially at Senior, and other historical buildings, the limits of space make it imperative to have this type of lens. One of the toughest photography concepts to teach is how to control perspective when photographing objects at eye level.

A tilt shift lens, also known as perspective control aspherical lens, can reduce the keystone effect that produces convergence of parallel lines when photographing structures, works of art, or even people.

Having the access to this lens as a building with a renowned photography class and a eye towards preserving our past in a fabulous format is crucial to moving forward in a technological world. It would also be helpful with the creation of sports posters (something that advanced photography class students assist with).

Many students gravitate towards people-based subjects (weddings, senior photos) but they miss the huge spectrum of interior and architectural photography. They can also use this lens to assist them with drafting class (a team-teach between drafting class and photography) to discuss the buildings architecture. The different subject areas that this lens lends itself to will cause students to investigate more STEM-based careers related to engineering, architecture, and math.

Primary Goal

Please describe the primary goal of the project and how it blends with School District 2 goals and curriculum.

Students in a wide variety of classes will be exposed to perspective that relates to their subject area and possible career choices.

We would like to enhance student's artistic photography techniques and practical knowledge that both translate to career options. Many students think of a single career path when they think of photography - classic portrait or wildlife photographer. However there is a huge need for, and career opportunities in, architectural photography and interior design photography. Careers in engineering, drafting, interior design, and math that focus on avoiding convergence in parallel lines in their work may be career options too.

Project Description

Briefly identify the major activities and materials involved in your project.

Students will be photographing Senior High and surrounding buildings, with and without the lens, to show their understanding of perspective.

Students will be exposed to perspective in art, photography, geometry, drafting, and technical education classes team-taught by appropriate teachers. We hope this will encourage exploration and more collaborative units.

We hope to expand this to photograph our feeder schools and other historical buildings. For example they could photograph McKinley School before the renovation, during, and after, to have an historical photographic journal of the changes.

Students will be working with Mr. Harmon to photograph Senior High's historic murals and work with another group of students and alumni to create a publication detailing the murals' history coupled with photos of the murals.

Professional Development

If your project includes professional development how will it improve student performance?

During our PLC time we plan to collaborate with other departments to develop lessons that will integrate the use of the perspective lens in drafting, geometry, and tech education.

Project Timeline

When will you implement your project?

We will start working with advanced art and independent study students as soon as the lens can be purchased. We will integrate perspective studies into photography and art classes next fall. We will work with our colleagues next fall to integrate perspective into discussions with geometry, drafting, and tech education classes. We plan to implement them fall or spring semester.

Plan for Evaluation

How will you evaluate student outcomes for your project?

Students will be evaluated based upon their work using the lens. They will also be evaluated on their understanding of the concept of perspective offered by using the lens.

Project Budget

Please explain how the funds from this grant will be spent to support your project goal. You can either type or upload a project budget to show how funds will be used. Please identify other funding sources if applicable.

\$1,999.00 - price of the lens (no shipping). See attachment.

Supervisor Approval*

I have received approval from my supervisor to apply for this grant.

yes

Attachment 1

Please attach any photos, pages from catalogs, or other documents below. This is completely optional.

20140314144603196(1).pdf

Attachment 2

[Unanswered]

Attachment 3

[Unanswered]

File Attachment Summary

Applicant File Uploads

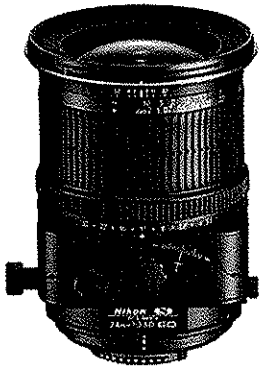
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1 observance of the Purim Holiday

Home > Lenses > SLR Lenses > Nikon SLR Lenses > Nikon 24mm f/3.5D ED Perspective Control-E Lens - Nikon USA Warranty



PRODUCT DEMO



Nikon Authorized Dealer

Nikon 24mm f/3.5D ED Perspective Control-E Nikkor Aspherical Lens - Nikon U.S.A. Warranty

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About the Nikon 24mm F/3.5

The Nikon 24mm f/3.5D ED PC-E Nikkor is a Ultra-wide, Perspective Control (PC) lens featuring tilt, shift and rotation capability, perfect for architectural and nature photography. Wide shifting range, plus or minus 11.5mm, with a tilting range of plus or minus 8.5 degrees. It has revolving capability of plus or minus 90 degrees for versatile tilt/shift shooting effects.

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