



Meet our  
contest  
Partner!



psbr.org

# KINDERGARTEN– 12TH GRADE 2023 POSTER CONTEST

**OPEN TO ALL DELAWARE STUDENTS IN GRADES K-12 including (but not limited to):  
public and private schools, home and cyber schools, and youth organizations.  
5 WINNERS - \$500 in Prizes**

**Details:** Discover the connection between biomedical research and your life! The poster contest provides the opportunity for students to illustrate different aspects of biomedical research and science through art.

**The 2023 PBL Poster Contest has the following themes:**

- 3 R's: Replacement, Reduction, Refinement
- Advancements in Biotechnology
- Animal Research Saves Lives
- Careers in Biomedical Research
- Veterinary Advancements: Animal Research Helping Animals

Students are encouraged to illustrate their views on one of these themes. Poster requirements and more information (including background and theme ideas) are attached below and can be found on our website at [www.projectbrainlight.org](http://www.projectbrainlight.org) > **Contests > Poster Contest**

**Winners:** Three winners will receive a \$100 cash prize each and more!

**Submission Deadline: March 12, 2023 at 11:59pm**

**Questions?** Email us at [PBLcontests@gmail.com](mailto:PBLcontests@gmail.com)

## **PBL's "Biomedical Research Saves Lives" Poster Contest:**

### **Theme Background and Ideas**

Here are suggestions for poster ideas, but students are free to use their imagination, as long as the basic theme is addressed.

#### ***Advancements in Biotechnology***

Amazing advancements in biotechnology have resulted through animal research – everything from developing mice that offer models for human diseases to the “pill cam” and functional artificial body parts! Your poster can feature one of the biotechnological advancements that are helping people or animals today (or will be in the future).

#### ***Animal Research Saves Lives!***

Virtually every major medical advancement of this century was made possible through research with animals. Your poster can feature a specific disease like polio or diabetes. You might illustrate how life is different today due to cures or treatments available for these diseases. Or you can feature a personal story of how animal research (or a medical treatment or cure) has affected you or a close relative.

## Careers in Biomedical Research

Most people think of a scientist or a doctor when considering a career in science. There is a very long list of careers that meet a wide range of interests – these careers also advance medicine and science and help people and animals live longer, healthier lives. Some examples are: bioengineers, animal care technicians, veterinary technicians, veterinarians, hematologists, immunologists, many other “ologists,” pharmacists, computer specialists, regulatory officers and inspectors, and more! Your poster can feature one or more science careers that support the advancement of medicine.

## Veterinary Advancements: Animal Research Helping Animals

Veterinarians, regardless of their field of practice, all play a significant role in human health and animal health. Our pets and other animals in our society benefit from animal research too! Vaccines, antibiotics, and advancements in surgery have all lead to longer, healthier lives for animals. Your poster can show benefits for animals, feature a specific advancement, or share a specific story that has affected the life of an animal you know.

## 3 R's: Replacement, Reduction, Refinement

A widely accepted ethical framework for conducting scientific experiments using animals. Your poster can feature one of the many ways researchers use the 3 R's. Replacement refers to methods that avoid or replace the use of animals in scientific research by using other methods such as in vitro cell culture, computer modeling, or human volunteers. Reduction refers to methods which minimize animal use and enable researchers to obtain comparable levels of information from fewer animals, or to obtain more information from the same number of animals. Refinement refers to methods which minimize actual or potential pain, suffering, distress, and/or improve animal welfare in situations where the use of animals is unavoidable.



Landscape



Portrait

## Poster Requirements

Posters created by students must be their own original artwork. Copyrighted characters (such as Superman) or copyrighted clip art will not be accepted.

***A poster release form must be included with the poster submission.***

The release form is attached below.

**Materials:** Students may use a variety of media, physical (watercolors, pen and ink, crayons, markers, etc.) or computer graphics. No copyrighted images may be used. Remember, brighter colors will reproduce better for the calendar (i.e. light pencil marks will not show up). Keep in mind, most posters will likely be on public display, and should be easy to see and read.

## Size & Layout:

Minimum: 8 ½" x 11"

Maximum: 11" x 17" ***Landscape Layout Only!!***



### **Judging Criteria:**

1. Clear message conveyed by the text and artwork
2. One of the poster themes listed above is addressed
3. Creativity, originality and presentation quality
4. Visual clarity – easy to read (will reproduce well for calendar printing)
5. Bright and colorful

### *Poster Submission*

*Entries may be mailed to our partner, PSBR. All mailed items must be postmarked on or before 11:59pm on Sunday, March 12, 2023. A release form must be attached to the back of the poster. Digital creations can be emailed to [PBLcontests@gmail.com](mailto:PBLcontests@gmail.com)*

### *Mailing address:*

*PSBR  
Attn: PBL Poster Contest  
PO Box 1163  
Camp Hill, PA 17001-1163*



**2023 RELEASE FORM – PBL POSTER CONTEST**

**\*\*This form must be securely fastened to the back of the poster\*\***

**Student's Name** \_\_\_\_\_

**Student's Home Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip Code** \_\_\_\_\_

**Grade** \_\_\_\_\_

**Teacher/Contact** \_\_\_\_\_

**School/Organization** \_\_\_\_\_

**School/Organization Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip Code** \_\_\_\_\_

**Telephone Number (\_\_\_\_\_) \_\_\_\_\_**

**Teacher Email** \_\_\_\_\_

**Student Email and phone** \_\_\_\_\_

**Parent Email and phone** \_\_\_\_\_

***I hereby certify that this poster was created entirely by the student above and is the student's original artwork and there are no copyrighted characters used. I agree that it may be offered for public display or publication at some time during or after the contest. I understand that this poster becomes the property of Project Brain Light (PBL) and may be reproduced. The only information that may be released is the student's name, school, or grade.***

\_\_\_\_\_  
**Signature of Student**

\_\_\_\_\_  
**Signature of Parent/Guardian or  
Sponsor/Teacher**

\_\_\_\_\_  
**Print Name**

\_\_\_\_\_  
**Print Name**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Date**