

# Scavenger Hunt in the Museum of Optics, Wyant College of Optical Sciences, University of Arizona

## Floor 3

1. Who was the first director of the College of Optical Sciences at UA?

Aden B. Meinel

2. These binoculars, given out as a toy, have a great sense of humor. Find them.

Clown Binoculars

3. This is one of the first successful casts of what type of mirror blank (the material on which the reflecting coating for a given mirror design is applied)?

Grit-Bonded Light-Weight Mirror Blank

4. This camera in the lobby shows people walking along the mall. What happened to the image? How is this image different than what you see out the window?

It's upside down.



## Floor 4

5. These photographs, known as daguerreotypes, were the first readily available form of photography. After looking at these examples, what do you think was their most common subject?

Portraits of people. Family portraits.

6. This tool is used in a museum and helps you see small details. What tool is it?

Museum/Gallery Magnifying Glass

## Floor 5

7. This artwork shows the effect of refracting light through a prism. Who made it?

Don Cowen

8. These triplet lenses are from the late 1800s. What are they called?

Cooke Triplets

9. Find something that makes images come alive.

Stereoscopes

## Floor 6

10. Find the concept models for telescopes used right here in Arizona. What is the name of the telescope they are modeled after?

Mt. Hopkins 4.3 Meter Diameter Multiple Mirror Telescope

11. Name three camera brand names you recognize.

Kodak, Canon, Nikon, Olympus, Polaroid, Pentax, etc.

12. What's your favorite scientific tool on the 6th floor? What do you like about it?

We love all of them so we're sure you picked a good one!

## Floor 7

13. \*Challenge Question\* Find the dragonfly.

Small hand-held magnifier in a green box

14. These lenses were originally invented by Benjamin Franklin, what are they called?

Bifocals

15. What is a 3-draw telescope?

A telescope with three separate sections.

16. What are the two types of eyepiece tubes on a library telescope?

Terrestrial and Astronomical.

17. This telescope is set up to help you see far away parts of the University's campus. What do you see?

This view changes, be sure to come back and visit to see something new!!

18. What was your favorite part of the museum? Why did you like this part?

Up to you! We hope you enjoyed!!

**You are an optical genius if you have successfully answered 10 of these questions!!!**

<https://wp.optics.arizona.edu/museum/scavenger-hunt/>