

# Science 10/19/18

EQ: How can we use the light model to predict why we can see through some objects but not others?

CW: 7.3 Revising the light model

HW: No HW

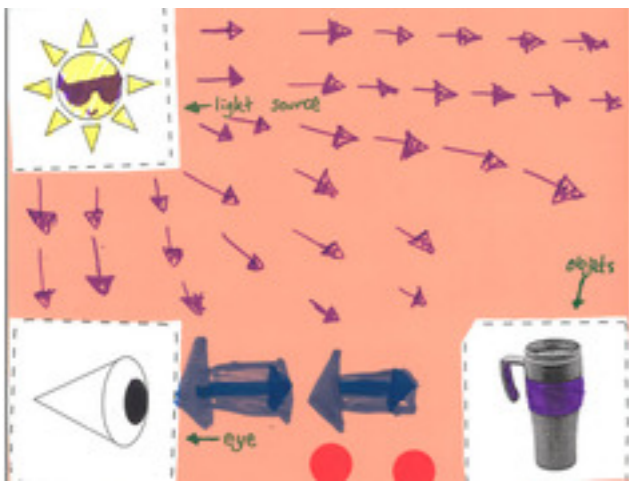
# Agenda

1. Activity 7.3
2. Scientific Principles
3. Quick Question
4. Turn in books

# Academic Language

- Opaque
- Translucent
- Transparent

# Open Ended Question

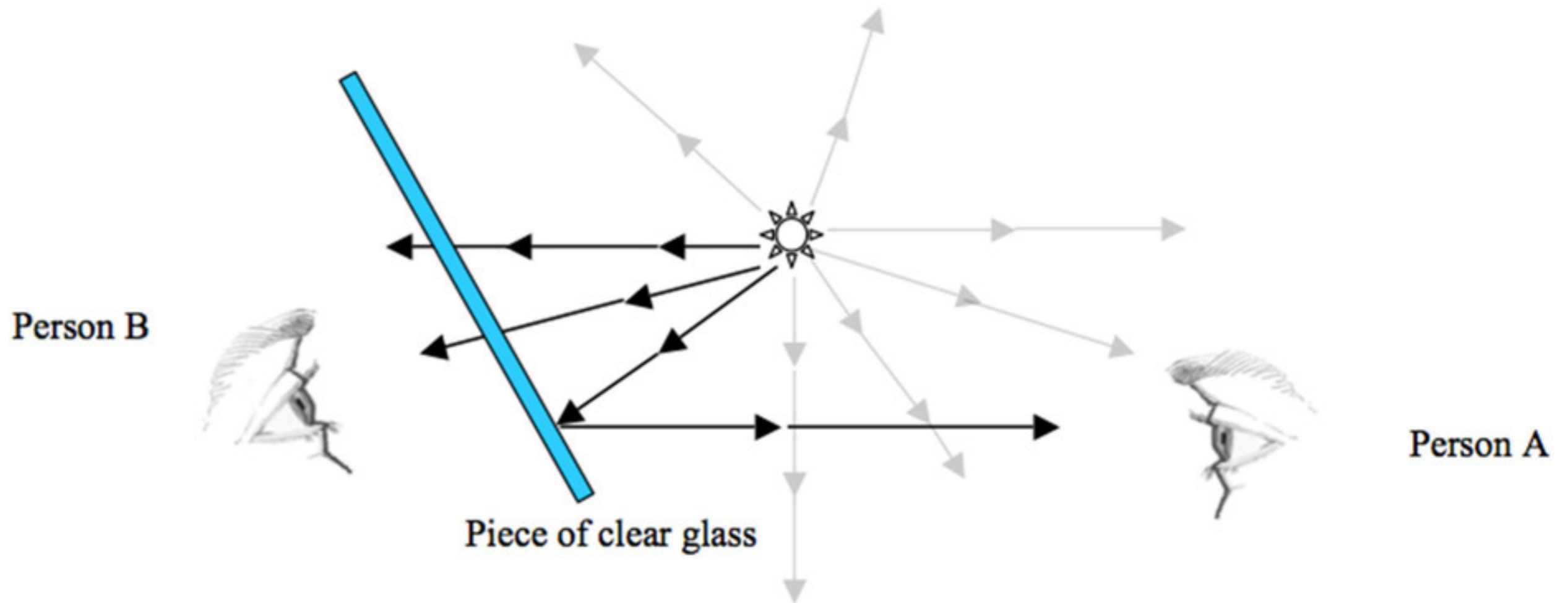


**How can our consensus model be used to explain the pattern that objects that can be seen through have higher lux readings?**

# Whiteboards

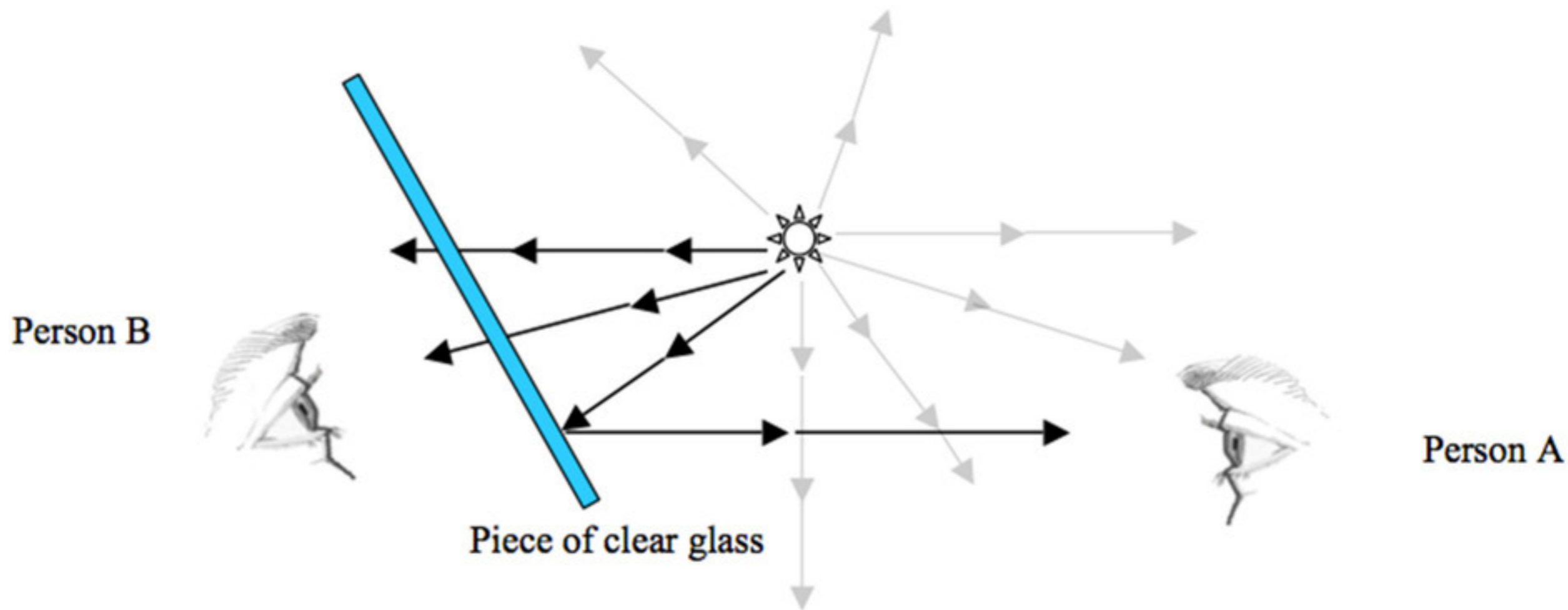
- On a whiteboard – Draw how you predict light should behave when reaching a clear sheet of glass
- Share your predictions

# Consensus Model with Glass



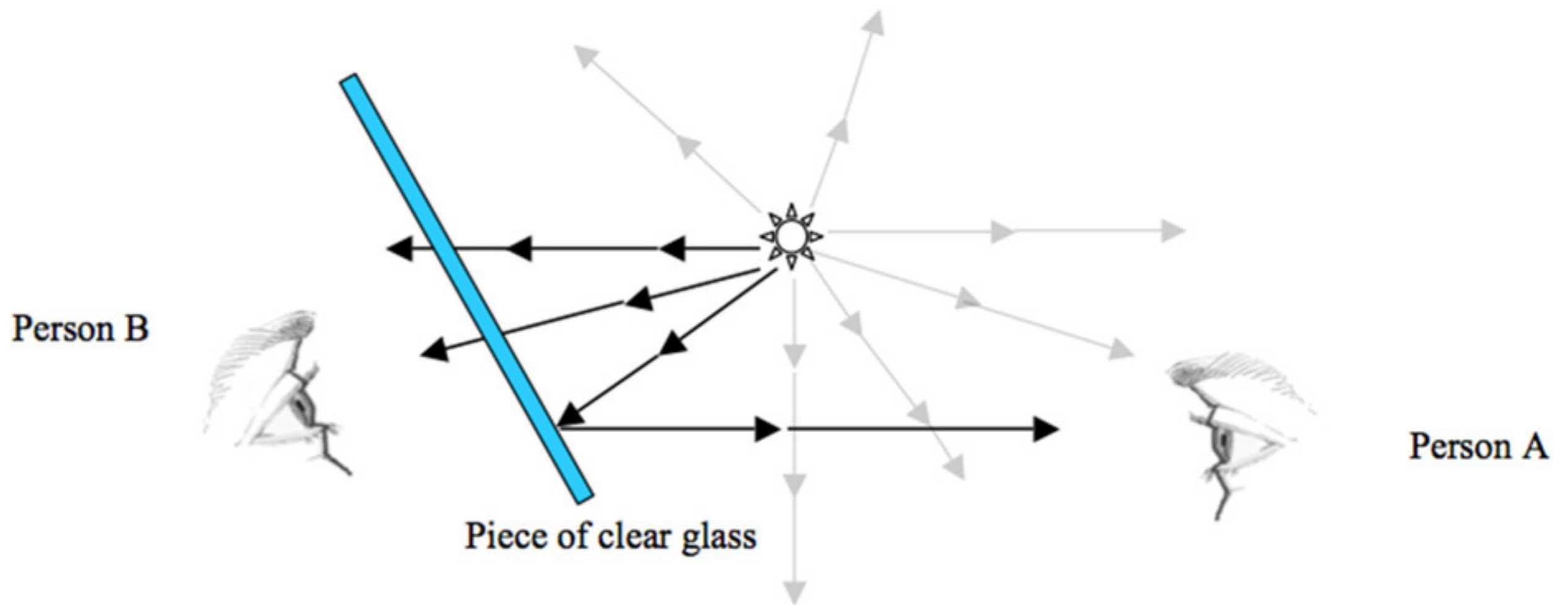


# Why are some arrows grey?





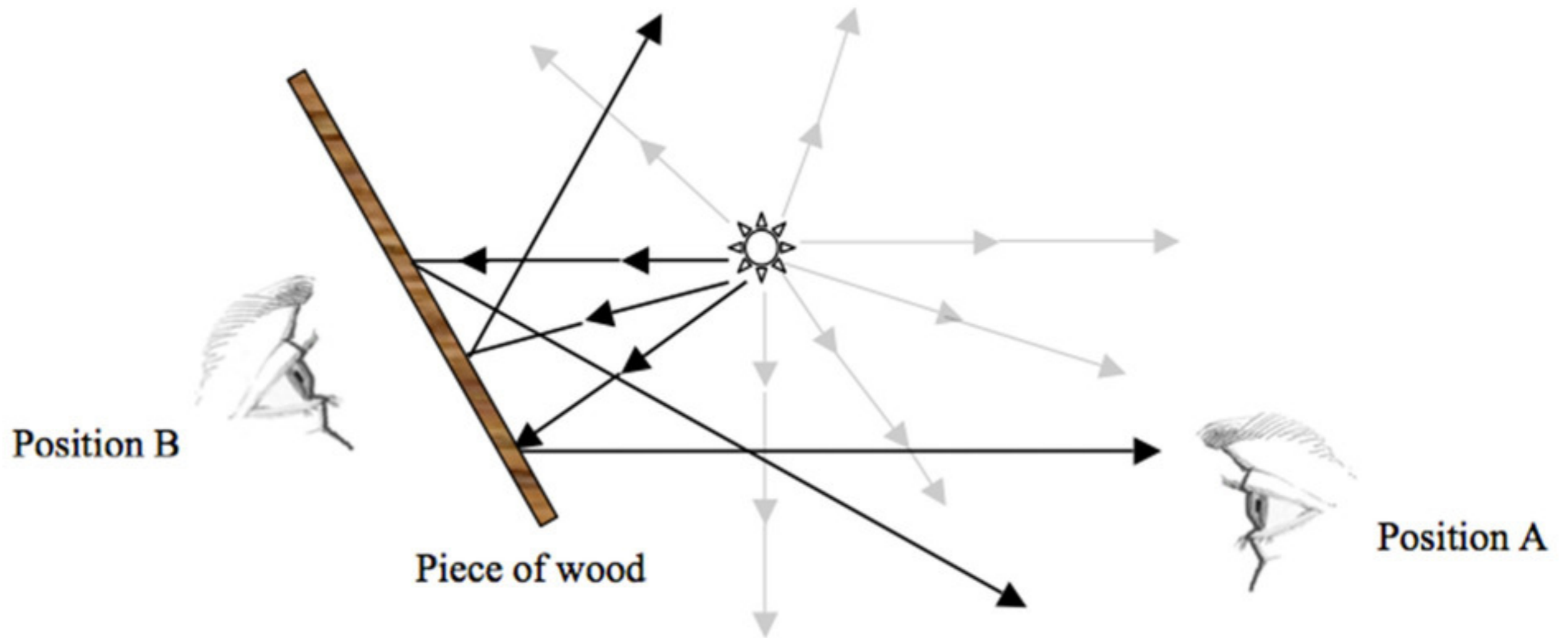
# What will person B see?



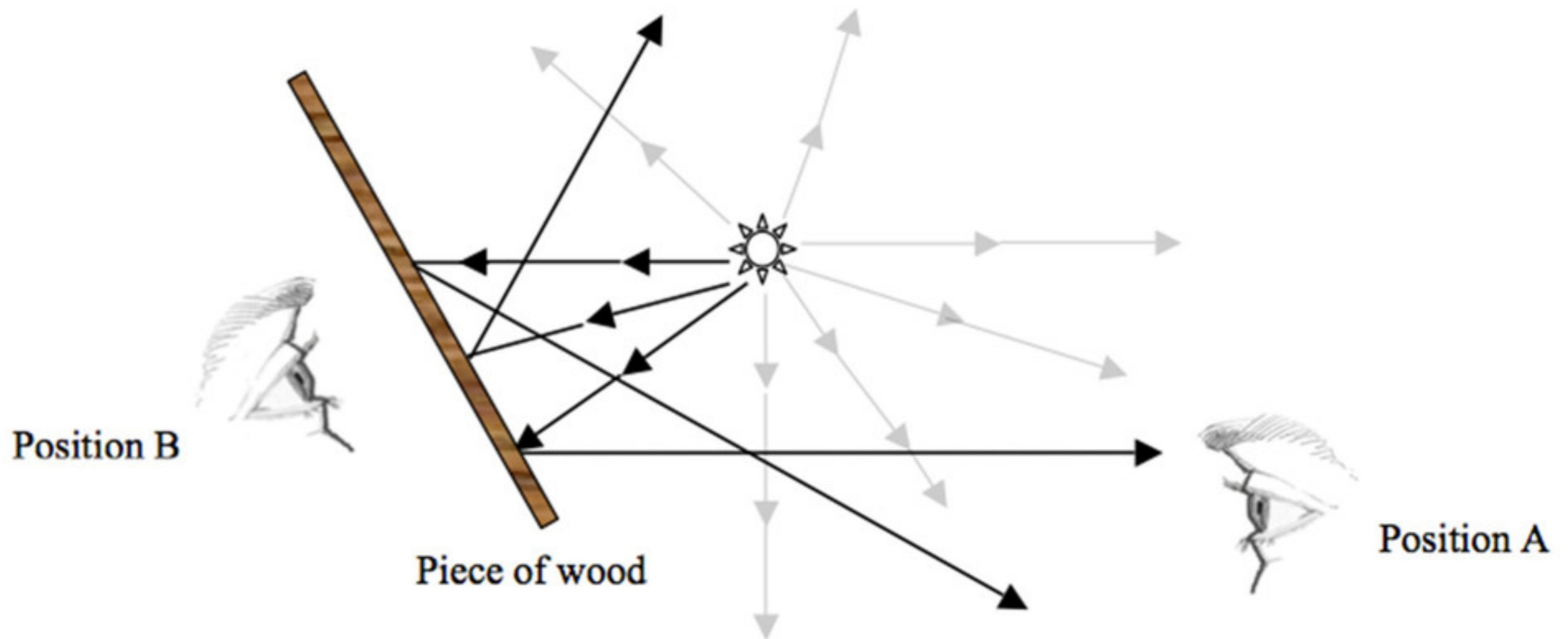
# Whiteboards

- On a whiteboard – Draw how you predict light should behave when reaching a piece of wood
- Share your predictions

# Consensus Model



# Who will see light from the light source: Person A, Person B, or both?

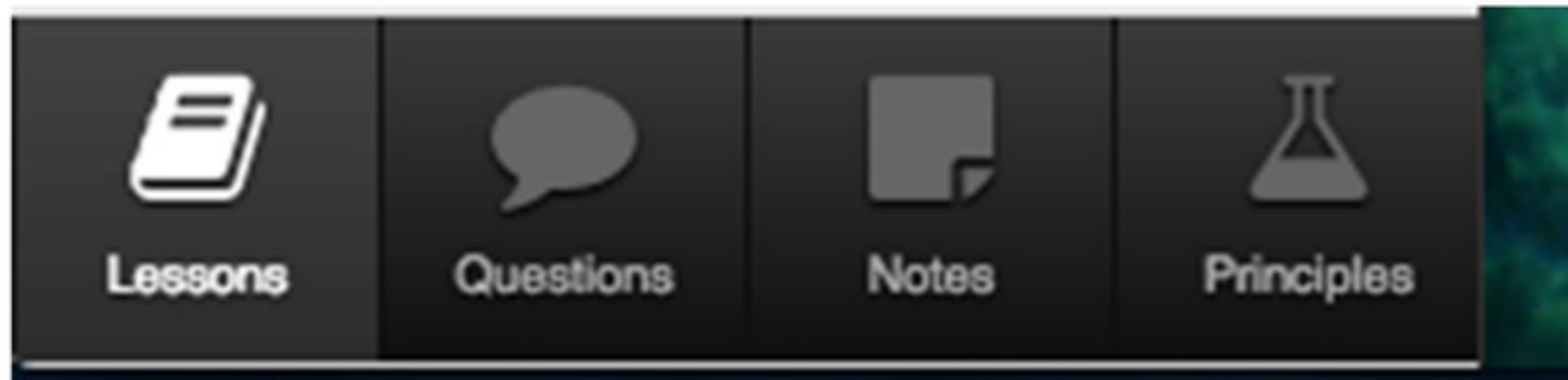


# Whiteboards

- Draw a version of the consensus model that predicts both the path of light when you can see a light source through a piece of paper, and the path of light when you can see the paper itself.

# Scientific Principles

- Open to your scientific principles





# Scientific Principle

- Some objects are transparent and let light pass through them.



# Open Ended Question

**After Eva cleaned the sliding glass door at her house, her friend came over and walked right into it. Why is it easier to see the glass when it is dirty than when it is clean?**

# Please turn in your books