

Acquisition Lesson Plan

Name	Teacher/Planner	Subject	Optical Illusions: Eyes Playing Tricks	Date	
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9:30 Supervisor checks in students and takes attendance. Puts names in "Random Drawing" bucket for prizes later in week.

9:30 – 9:45 Breakfast Snack

Essential Question: What are some of the different ways that our own eyes (and brain) can play tricks on us?

9:45 – 10:00 Activating Strategy/Arrival Activity:

Share the photos of "Two Dresses" and have the kids share with each other the colors they see (note: some people see brown and white for one and blue and black for the other, others see both dresses in shades of blues and blacks.)

10:00 – 11:00 Teaching Strategies:

Give each child a Lab Book and a pencil.

Divide kids into five equal groups.

Set up five stations for them to rotate through. Each station should take less than 10 minutes. Watch the time so kids can get to all five. (Spinners will take the longest, and if you have helpers this may be the place to put them.) There's a word puzzle and a "Find the Objects" puzzle on the last two pages of the Lab Book if they fulfill the requirements at a station and need something to do.

Station A: Refraction – have 2 or 3 clear 12-ounce plastic cups 2/3 full of water, with a pencil for each.

Station B: Moiré Patterns – Have a couple of sets of identical combs and 8 small pieces of screening.

Station C: Optical Illusions – Kids will do all these in their Lab Books.

Station D: *Where's Waldo?* – *Two Large Posters for kids to observe.* **Have them NOT SHARE when they find Waldo, but write it down in their Lab Booklet and share after everyone's had a chance to find him.**

Station E: Spinners – one posterboard circle and a 2-foot piece of string per child, markers.

Formative Assessments: (ongoing) Classroom helpers sit near children during reading aloud or partner reading to help them attend to story. Adults monitor and help guide kids with activities, asking questions to make sure they understand.

11:00 – Summarizing: Which of the experiments and optical illusions we viewed this morning are your favorites? Why?

11:15 Bathroom break and hand washing

Wash hands and enjoy lunch together. Teachers and adult leaders model appropriate table manners and encourage children to taste foods. Children and adults throw their own trash away.

11:50 - After lunch, prior to dismissal:

Culminating Activity: Invite children to choose a used book to take home and encourage them to do some reading tonight before they go to sleep.

Have them share some of the optical illusions with family members at home and see what the reactions are.

Supplies needed:

- 1 Lab Book per student
- 1 pencil per student
- 5 photocopies of “Two Dresses”
- Colored markers
- Laminated signs to mark stations (Station A, Station B....to Station E)
- 3 12-ounce clear plastic cups
- 3 new pencils
- 2 prs. of identical combs
- 8 small pieces of plastic screening
- 2 *Where’s Waldo?* Posters
- 1 posterboard circle per student
- 1 2-foot length of string per student