

ACTIVITY 4.2: HOW TO USE BINOCULARS

1. Eyecups:

- If you use binoculars with your glasses on, fold the soft rubber eyecups down so the end of the eyepiece is as flat as possible. When you are looking through binoculars, put the flat eyepiece right up against the lenses of your glasses. If you are not wearing glasses, leave the eyecups unfolded.

Eyeglass wearer



Non eyeglass wearer

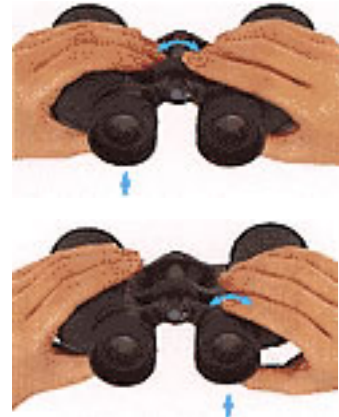


2. Hinge:

- The distance between peoples' eyes varies so binoculars have a hinge in the middle. While looking through the binoculars, move them in and out until you have one big, clear, circular field of view. You should never see two circles.

3. Focusing:

- Close your right eye and sight an object with your left eye. Focus the binocular by rotating the center focus wheel until the image is sharp and clear.
- Open your right eye and close your left eye. Rotate the right eyepiece until the object sighted is sharp and clear.



Both sides (eyes) are now in focus and you will need to use only the center focus wheel to focus on other objects.

Name: _____ Date: _____ Class/Period: _____

ACTIVITY 4.4: BINOCULAR RACES

Group members' names:

	What does the bird look like? (distinguishing marks)	Common Name
<i>Example</i>	<i>Large black bird with a shiny purplish head. Yellow eyes. Long black tail. Long and slender black beak.</i>	<i>Common Grackle</i>
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

10.		
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Names: _____ **Date:** _____

Time started: _____ **Time completed:** _____

Location: (describe where the survey is taking place)

Weather:

Air Temperature: _____

Circle the weather conditions:



Clear



Partly Cloudy



Cloudy



Rain



Snow

Describe the Weather Conditions:

Bird Survey Data:

	Time	Location	Bird Species	# of birds observed
1	8:04	corner of south and main streets	black-capped chickadee	2
2				
3				
4				
5				
6				
7				
8				

9				
10				