

Wind Notes

Name: _____

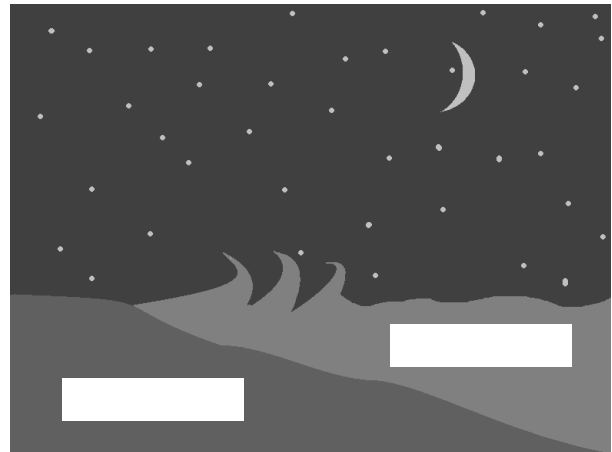
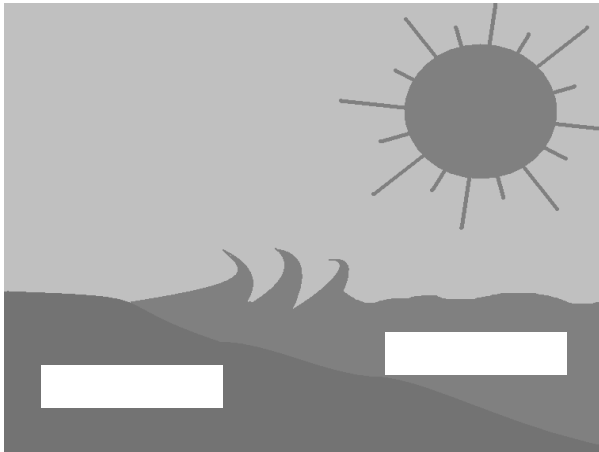
As we complete the notes, listen for information on hot and cold air. For each description below, tell whether it describes **HOT AIR** or **COLD AIR**.

1. Moves slowly and stays tightly packed.
2. Moves fast and expands to fill more space.
3. Less dense.
4. More dense.
5. Rises, leaving a low-pressure area behind.
6. Rushes in to fill the low-pressure area.

List four conditions that can cause uneven heating of the air.

- 1.
- 2.
- 3.
- 4.

For each picture below, **LABEL** which is warmer (sand or water) then **DRAW AN ARROW** showing the wind direction.



Climate vs. weather

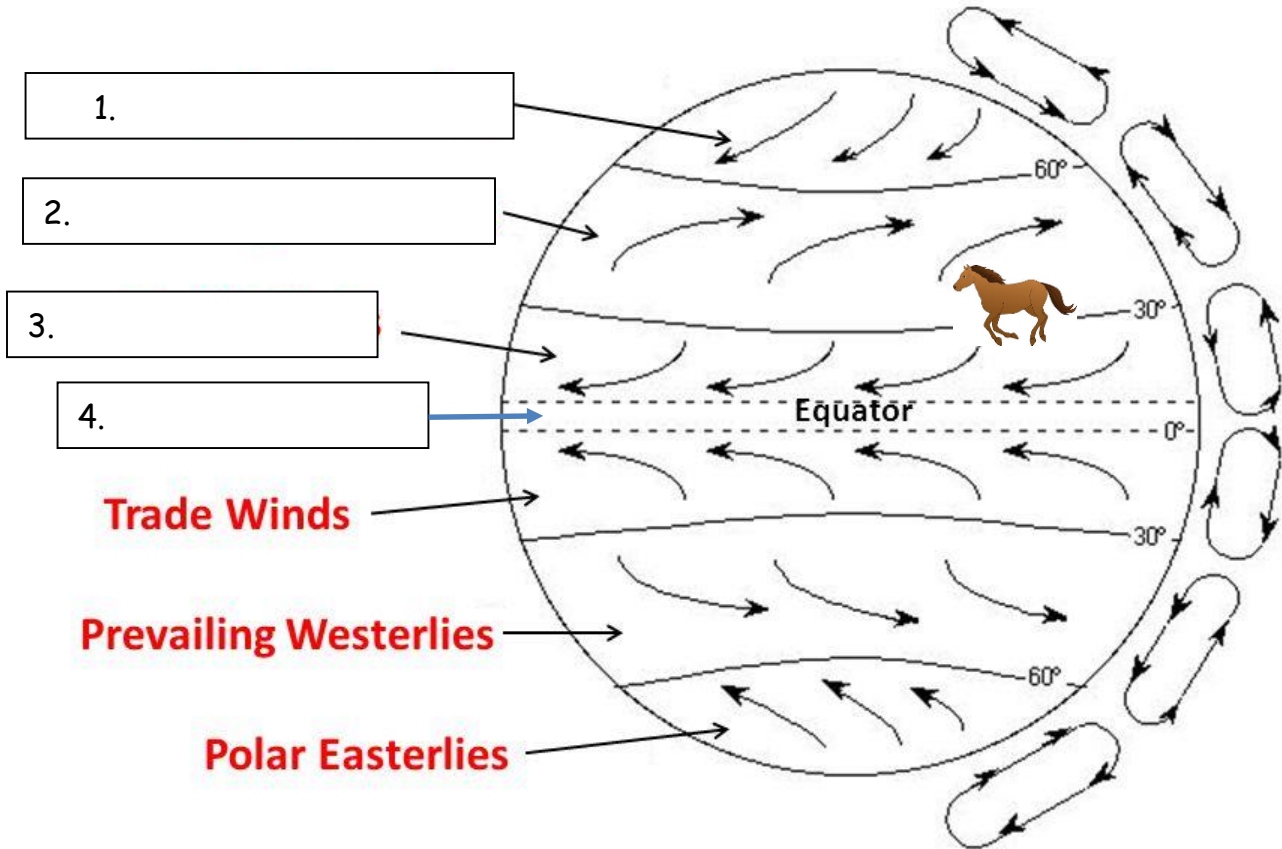
Climate = _____ scale = overall _____, trend over a larger area

Weather = _____ scale = _____, weekly, small times over small areas

Local wind vs. GLOBAL wind

Local = _____ scale = small area ... usually _____ beside _____
Global = _____ scale = Over the entire Earth (or at least large portions)

Global Wind Belts



Coriolis Effect:

The _____ effect on the air caused by the _____ of the _____

