

Animals communicate:

- Purposes

- A _____ other members of the species of danger,
- to asking another member for _____,
- Simply _____.

- Forms of communication:

1. Gestures,
2. Facial expressions,
3. Gaze,
4. Vocalization
5. Olfactory communication
6. Bioluminescence
7. Electrocommunication.

Forms of communication: Gestures

This form of communication is one of the best known forms, and involves the display of:

- _____
- M _____
- Often occurring in combination to convey a message.

For example, a young seagull will tap their parent's red spot on the bill when they want food.



Forms of communication: Facial Expressions

- Convey emotions
 - Some expressions are found throughout different species.
 - For example, showing one's _____ is a common sign of anger.
 - *Why would this be a problem for zoo animals?*

Forms of communication: Gaze

- N____ commonly used for _____ communication
 - It is often a very useful form for trying to draw another species member's attention to something.
- It can also be used for _____ males, for the first to back down is often considered weaker.
- To _____

Domestic dogs have learned to follow our gaze and pointing but wild wolves don't!



Forms of Communication: Vocalization

- Most common among higher intelligence animals
*perhaps
 - This form is most commonly found among humans.
 - The very fact that we have actually created complex languages using sounds is incredible when one thinks about it.
- Among animals, it can be used for _____ and attracting a mate.



Forms of Communication: Olfactory Communication

- Communication with _____ / _____
- Most commonly found among animals that have a " _____ "
 - **Example:** Ants and Termites
 - This form of communication involves the use of pheromones and scents to convey messages.
 - **Example:** Cats
 - Cats have specialized glands under their chin that they use to "scent" things.

Forms of Communication: Bioluminescence

Most commonly found among places that lack light, this form of communication involves biologically generated _____.

- **Example:** F _____, _____
(dark depths of ocean)

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Forms of Communication: Electrocommunication

- This form involves conveying messages through the form of _____
 - The least common form of communication,
- **Example:** _____
 - A system of tactile sense organs
 - Detect _____ & _____ changes in the surrounding water.

Lateral Line

