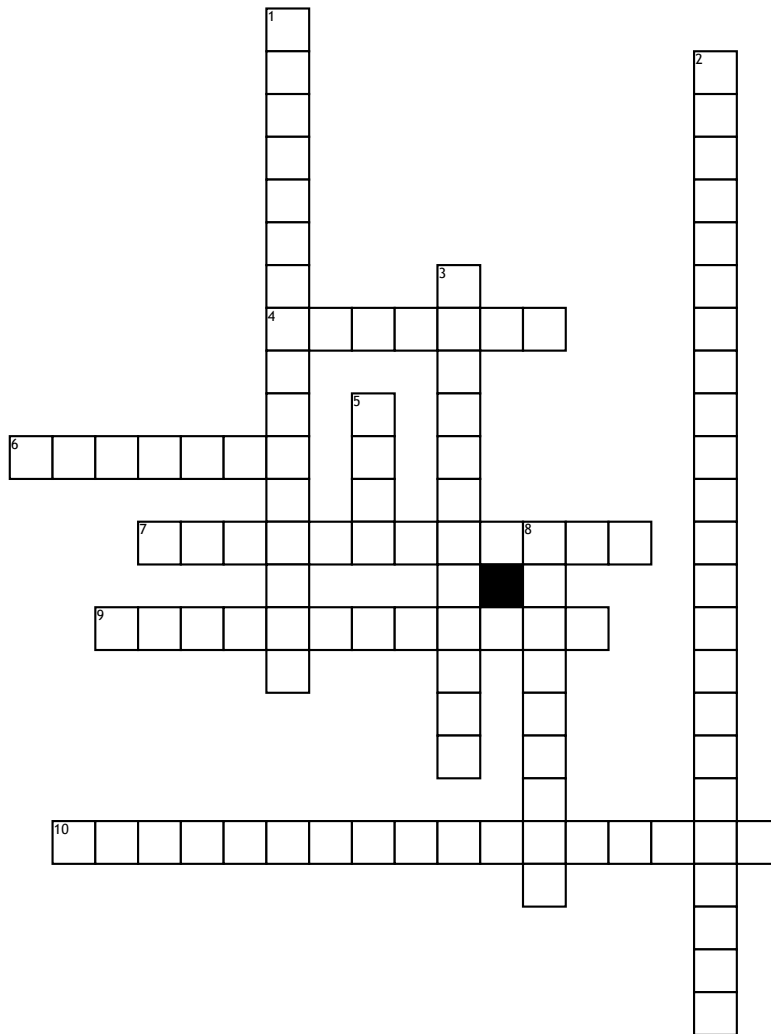


# Music and Biology Vocab



**Across**

- 4. a sugar present in milk. It is a disaccharide containing glucose and galactose units.
- 6. a group of notes sung to one syllable of text.
- 7. The musical technique of composing music that reflects the literal meaning of a song's lyrics. For example, ascending scales would accompany lyrics about going up; slow, dark music would accompany lyrics about death.
- 9. a weak bond between two molecules resulting from an electrostatic attraction between a proton in one molecule and an electronegative atom in the other.
- 10. a type of chemical bond where a pair of electrons is unequally shared between two atoms. The electrons are not equally shared because one atom spends more time with the electrons than the other atom.

**Down**

- 1. a process that involves rearrangement of the molecular or ionic structure of a substance, as opposed to a change in physical form or a nuclear reaction.
- 2. a type of chemical bond where two atoms share a pair of electrons with each other.
- 3. a chemical bond that involves the sharing of electron pairs between atoms
- 5. a long, accompanied song for a solo voice, typically one in an opera or oratorio.
- 8. a type of chemical bonding that involves the electrostatic attraction between oppositely charged ions

**Word Bank**

- |                           |               |                     |
|---------------------------|---------------|---------------------|
| Covalent bond             | Lactose       | Chemical reaction   |
| Nonpolar covalent bonding | Hydrogen bond | Aria                |
| Text painting             | Melisma       | Polar covalent bond |
| Ionic. Bond               |               |                     |