



**10 Galaxies:** a set of stars and planets, gas clouds and cosmic dust, matter and dark energy gravitationally linked in a more or less defined structure.

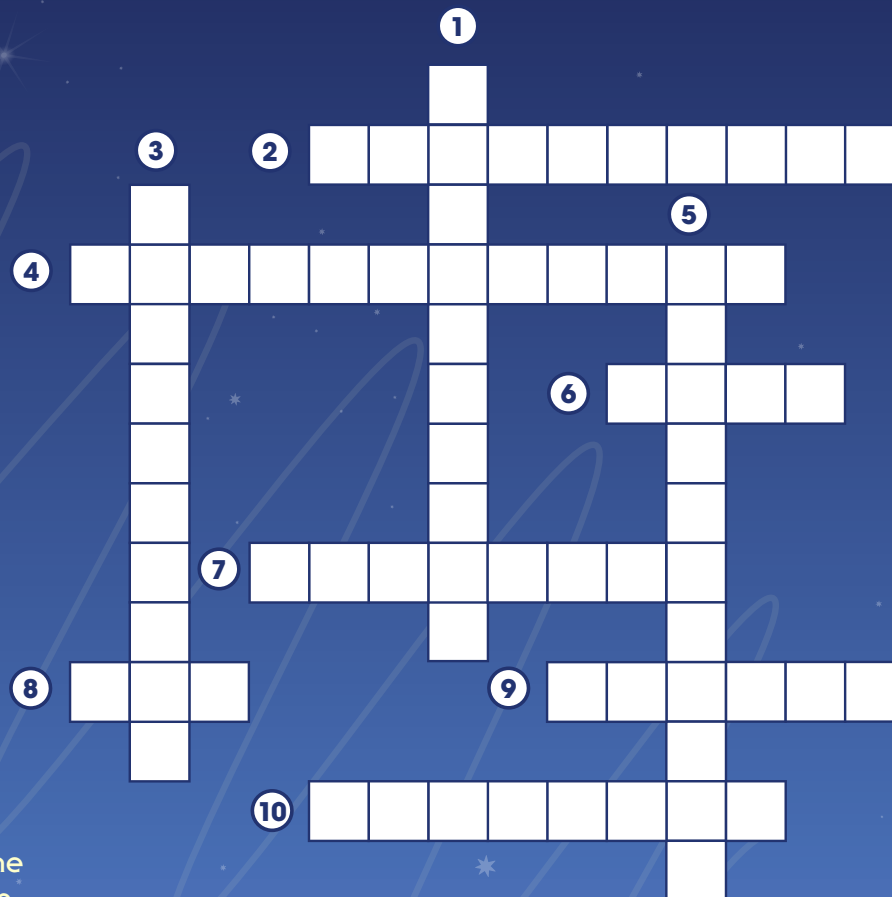
**3 Cosmic Dust:** formed by solid particles of ice and rocks that play a crucial role in star and planet formation. The dust is distributed in clouds, which block the stars behind them from view.

Learn about the Universe and ALMA by helping me to complete this crossword puzzle

**4 Cold Universe:** processes and events in the Cosmos that emit extremely weak radiation, which is only visible through radio telescopes.

**8 OSF:** ALMA operations support facility, located at 2900 meters above sea level in the Atacama Desert. Camp where staff works in the antenna control room, laboratories and offices.

# ALMA Crossword Puzzle



**9 Cosmos:** synonymous with the Universe and includes all the galaxies, their stars, planets, etc.

**6 ALMA:** Atacama Large millimeter/submillimeter Array.

**5 Solar System:** the set of planets, satellites, asteroids and comets, where Earth is located, which rotates around our star, the Sun.

**1 Radio waves:** electromagnetic waves with low energy levels, which astronomers use to study the cold Universe. These are also useful in industrial applications and in communications.

**2 Chajnantor:** plateau where the ALMA antennas are located in the Atacama Desert at 5000 meters above sea level. Its name in the Atacameño language Kunza means "takeoff site".

**7 Antennas:** these are an array of 66 radio telescopes that ALMA uses to observe the Universe. Some have 7-meter diameters and some have 12-meter diameters.

