

Compare a burning candle on Earth to a candle burning in Space on the International Space Station (ISS).



Image Credit: Science@NASA

Candles burning on earth have different temperatures within their flames. On the Space Station, a flame burns slower.

On Earth, a candle flame is teardrop in shape, yellow and above the wick. In microgravity, there is no convection, so flames burn differently with a different shape. The flames form little spheres.

On the Space Station, hot gases don't rise as they do here on Earth.