

EDIBLE METEORITES



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INTRODUCTION

In this activity you are going to:

Learn what a meteorite is and the different types of meteorite

Make an edible model of one of the types of meteorite, and compare your model to a real meteorite

Branding

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MANY DIFFERENT NAMES

Asteroid

A large rocky body found between Mars and Jupiter



Meteoroid

A smaller fragment of an asteroid outside of the Earth's atmosphere



Meteor

A meteoroid that is burning up in the atmosphere



Meteorite

The fragments that make it to the surface of the Earth



Atmosphere



TYPES OF METEORITE

Meteorites

Stony

Some Stony Meteorites have small spherical shapes called chondrules. They all have some iron in.



Iron



Iron meteorites are very dense (heavy for their size)

Stony - iron



Made of iron surrounding olivine (glass like) crystals



CHONDRITE UP CLOSE



Chondrules – spherical minerals created as material came together slowly to form the meteorite



Fusion crust – the dark, melted outside of the meteorite



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