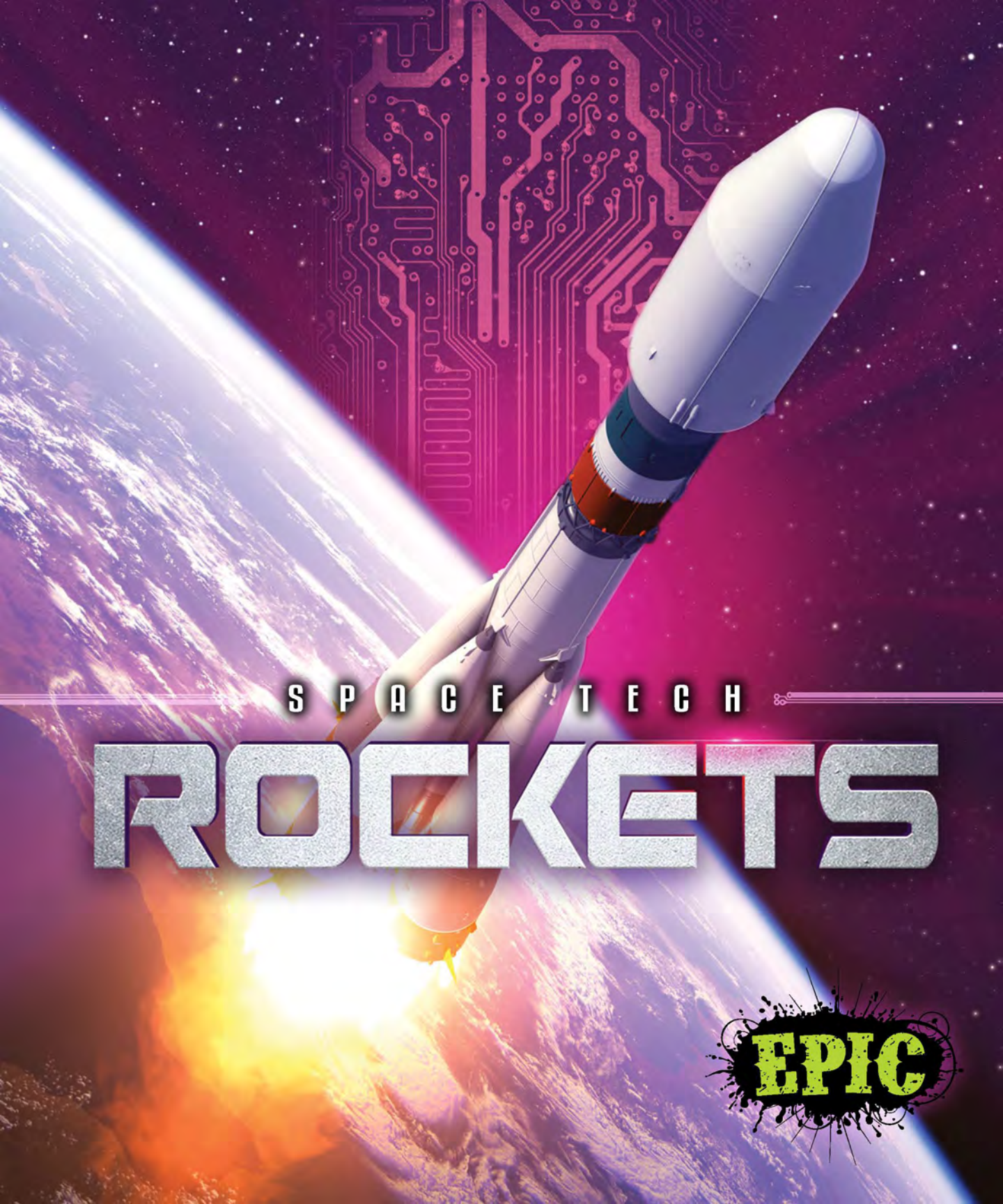




S P A C E T E C H

ROCKETS

EPIC

TABLE OF CONTENTS

ROCKET AT WORK!	4
WHAT ARE ROCKETS?	6
PARTS OF ROCKETS	8
ROCKET MISSIONS	14
SPACE LAUNCH SYSTEM SPECS	20
GLOSSARY	22
TO LEARN MORE	23
INDEX	24

ROCKET QT WORK!

A crowd gathers to watch the takeoff of a new rocket. The countdown begins. Engines roar. Then Falcon 9 blasts off into space!

FLYING AGAIN!

The Falcon 9 is one of the first rockets that can be used more than once.



A photograph of a Falcon 9 rocket launching from a launchpad. The rocket is ascending vertically, leaving a large, bright plume of fire and smoke at its base. The launchpad's service structure is visible on the left. The background is a clear blue sky with some clouds. A large, semi-transparent watermark "For Review Only" is oriented diagonally across the center of the image. In the bottom right corner, there is a circular icon with a circuit-like border and the number "5" inside.

Falcon 9

It carries a **spacecraft** that will deliver supplies to the **International Space Station**.

WHAT ARE ROCKETS?

Rockets are powerful spacecraft. They are needed to push things beyond Earth. Some carry supplies or **space shuttles**. Others lift unmanned machines like **satellites**.

An illustration of a rocket launching a satellite. The rocket is yellow and white, with a blue satellite attached to its nose. It is shown in the process of launching, with a bright orange and yellow flame at the base. The background is a black space with a blue and white horizon line representing Earth. Two white satellite components are shown floating in space above the rocket.

rocket launching
a satellite

A photograph of the Space Shuttle Atlantis being launched from the Kennedy Space Center. The shuttle is white with a black nose cone and a large orange external tank and solid rocket boosters. It is being lifted by a yellow mobile launcher platform. The orbiter is marked with "United States" and "Atlantis". A large plume of fire and smoke is visible at the base of the boosters. In the background, the launch pad service structure is visible. The image is overlaid with a large, semi-transparent "Preview Only" watermark. There are also some blue circular graphics in the top right corner and a purple circuit-like graphic in the bottom right corner.

space
shuttle

PARTS OF ROCKETS

Rockets have tall, thin frames. Their shape helps them cut through the air. Powerful engines shoot gas down. Then the rockets blast up.

BLAST OFF!

Rockets leave Earth at
7 miles (11 kilometers)
per second!





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