



Dynamic Indicators of Basic Early Literacy Skills 8th Edition

Maze Benchmark

Grade 8

Student Materials

Name: _____

Date: _____

Practice Passage

Tom goes to a school far from his house. Every morning, he
takes a school _____ to go to school. In the _____, he also
takes a bus home.



Correct: _____

Incorrect: _____

Adjusted Score: _____

Name: _____

Date: _____

Practice Passage

Tom goes to a school far from his house. Every morning, he
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Correct: _____


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Adjusted Score: _____

Space Shuttles

NASA's Space Shuttle program ran for over thirty years. The Space Shuttles could orbit the Earth astronauts inside. Part of their mission to study the effects of zero on human beings, plants, and chemical . The Shuttles also launched satellites and , as well as a giant space for viewing distant stars and galaxies. Space Shuttle helped to build the International Space Station. , the Space Shuttle program was an success.

The Space Shuttles were designed be partly reusable. They could return Earth and land on a runway like airplanes. There were one hundred thirty Space Shuttle missions.

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The idea of a kind of space plane was first proposed in the late 1950s. NASA wanted a spacecraft that could return to Earth and be fully reusable. After a lot of work, they finally compromised on a partly reusable shuttle design and started building the shuttles about one year before the Apollo Moon Landing.

The design of a space plane, expendable liquid tanks, and reusable rockets. It would be launched vertically like a normal rocket. The cockpit could carry five to seven people.

Liquid hydrogen and liquid oxygen were stored in the external tank to ignite the rockets. At about two minutes after launch, the rockets would release the external tank and parachute into the ocean to be picked up by NASA. With power from its main

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, the craft would keep rising until reached Earth orbiting height. Then the
engines would be shut off and external fuel tank released to burn in
the Earth's atmosphere.

When it time for the Shuttle to come , it would fire its
thrusters and back into the lower atmosphere. It descend to Earth like a
glider, dramatically by air pressure, finally landing a long runway out
in the .

Mostly, the Shuttle worked exactly as was designed to work. Yet
there always a risk that such complicated systems will fail just
because some thing goes wrong in a way nobody expects. The consequences

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of such small failure can be disastrous.

Altogether, were two such catastrophic accidents during Space Shuttle program's history. Both accidents later traced to small mechanical failures.

1986, the Space Shuttle Challenger exploded after launch, killing all seven astronauts. Especially tragic was the fact that Challenger mission was

the first time teacher was part of the shuttle. Then, seventeen years later,

the Space Shuttle Columbia over Texas during re-entry, killing another seven

The Space Shuttle program was finally in 2011, right after Space

Shuttle Atlantis's flight. But NASA has since built new vehicle to explore

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deep space. is called the Orion, and it be launched sometime soon.

Even though Space Shuttle program is over, it a lasting impact on
space travel. International Space Station would have been and
much more difficult to construct keep supplied without the shuttle missions. Space
Shuttles that space travel could be more than anyone believed
before it began. Now we know better.

