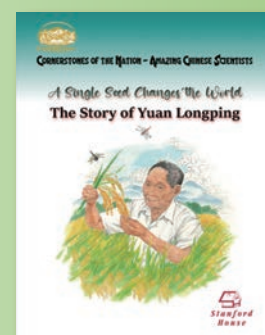
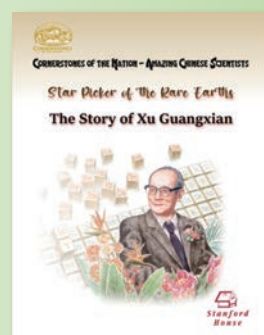
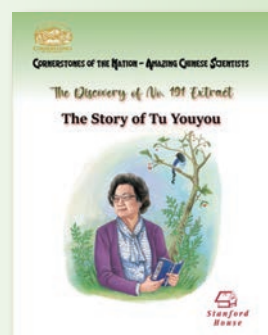
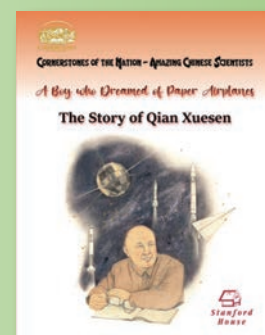
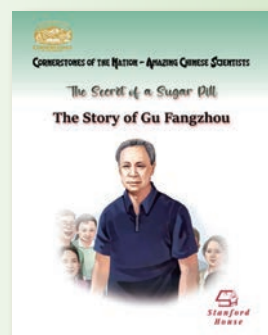




Stories of Chinese Scientists for Children Planting the Seeds of Science in Young Hearts

This beautifully crafted series brings to life the stories of Chinese scientists, blending science, scholarship, and art in a child-friendly way. With vivid illustrations and heartfelt storytelling, the books encourage children to dream big, nurture curiosity, and carry forward the spirit of scientific dedication—shaping the foundation of what is to come.



CORNERSTONES OF THE NATION - AMAZING CHINESE SCIENTISTS

The Discovery of No. 191 Extract

The Story of Tu Youyou



The Discovery of No. 191 Extract: The Story of Tu Youyou
(Cornerstones of the Nation - Amazing Chinese Scientists)

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Original Simplified Chinese Edition

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CORNERSTONES OF THE NATION – AMAZING CHINESE SCIENTISTS

The Discovery of No. 191 Extract

The Story of Tu Youyou



Preface

Looking Back at China's Journey

In the past, China faced poverty, wars, and hardship. Today, the nation is strong, peaceful, and full of life. This change was possible because many scientists dedicated their whole lives to helping the nation. They worked with courage, honesty, and determination, even when facing failure. These scientists are called the 'Backbone of the Republic', and we should always remember them.

Why Tell Scientists' Stories to Kids

Children are the future. To inspire them, we need role models. Chinese scientists are perfect examples because they show bravery, creativity, and love for their country. This picture book series was created to share their stories in a way that children can enjoy and understand.

Message to Readers

This series of picture books was created to share those stories with children. Each book tells the life of a great scientist—how they grew up, what challenges they faced, and how their discoveries changed China and the world. The words are simple, the pictures are bright, and the lessons are powerful.

In the series, you will meet six amazing scientists:

- Gu Fangzhou (顧方舟), the 'Father of China's polio vaccine'
- Liang Sili (梁思禮), a pioneering space scientist
- Qian Xuesen (錢學森), the 'Father of China's Space Programme'
- Tu Youyou (屠呦呦), the first Chinese Nobel Prize winner who discovered a new treatment for malaria
- Xu Guangxian (徐光憲), the 'Father of Chinese Rare Earth Chemistry'
- Yuan Longping (袁隆平), the 'Father of Hybrid Rice'

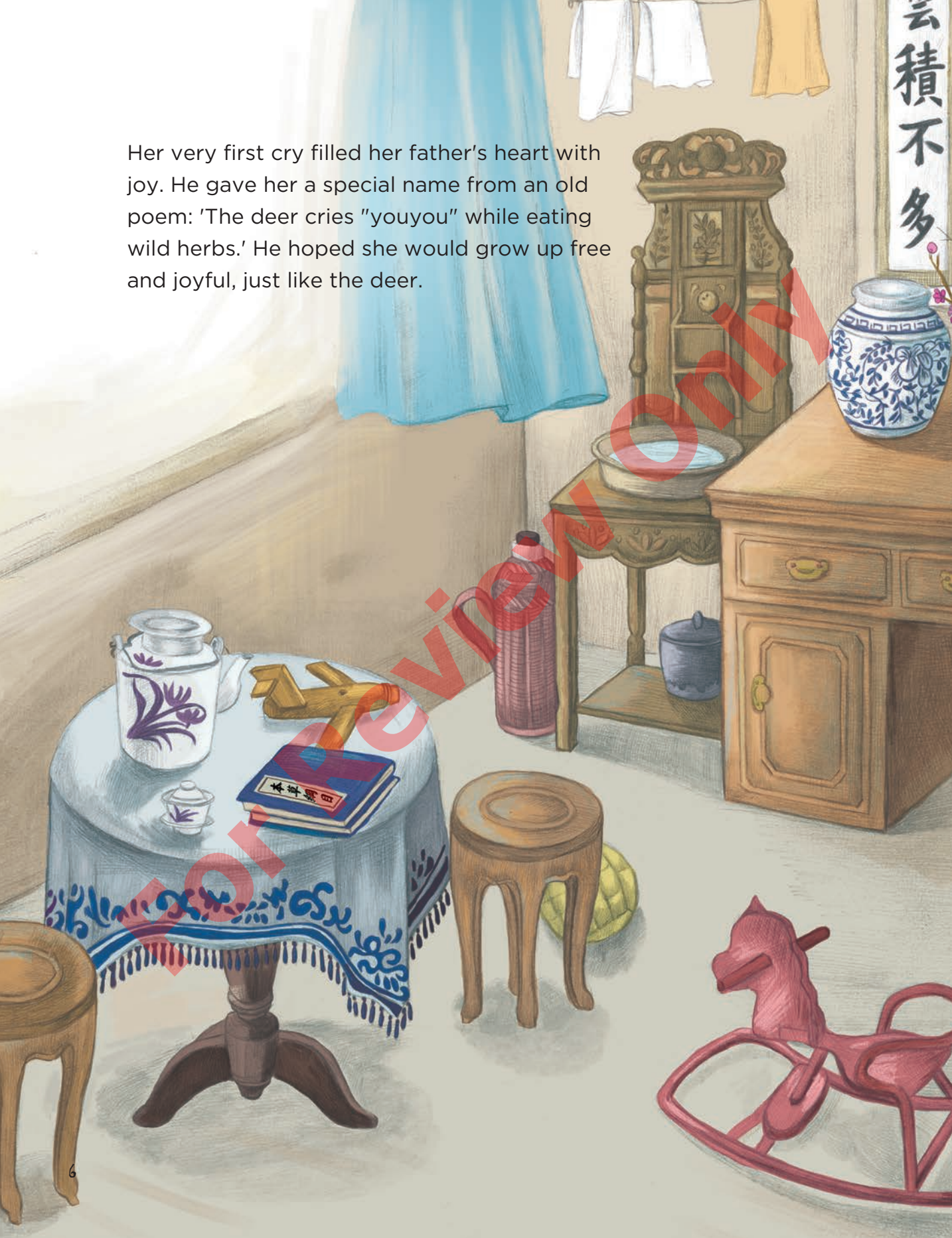
Each of them shows us that science is not just about experiments—it is about courage, imagination, and caring for people.

In 1930, a little girl named Tu Youyou was born in China.





Her very first cry filled her father's heart with joy. He gave her a special name from an old poem: 'The deer cries "youyou" while eating wild herbs.' He hoped she would grow up free and joyful, just like the deer.



云積不多







From the time she was little, Tu Youyou loved reading. Her father had a little attic full of old texts, and she spent hours exploring them. She especially liked the old medical texts. The words were hard, but the beautiful illustrations fascinated her. She dreamed of learning more.

TU YOUYOU (1930-)

The Scientist Who Saved Millions



Tu Youyou is a famous Chinese scientist and the very first person from China to win a Nobel Prize in science. She discovered artemisinin, a medicine made from a plant called sweet wormwood (青蒿). This discovery has saved millions of people around the world from malaria—a deadly disease spread by mosquitoes.

Childhood and Education

Tu Youyou was born on December 30, 1930, in Ningbo, China. She loved learning as a child, but her early years were difficult because she grew up during a time of war and change. In high school, she became very sick with tuberculosis and had to stop studying for two years. That experience sparked her curiosity about medicine and healing.

After recovering, she worked hard and was accepted into Peking University in 1951, becoming one of the first female students in the new China. After graduation, Tu joined the Academy of Traditional Chinese Medicine, where she studied both modern science and traditional remedies. She became fascinated by the idea that ancient knowledge might hold secrets modern science had not yet uncovered.

The Search for a Cure

In the 1960s, malaria was spreading across the world, killing millions of people. Tu joined a team of scientists determined to find a cure. She and her team searched through old medical books and folk remedies, gathering more than 2,000 possible treatments. They tested hundreds of them, often failing, but never giving up.

One day, Tu found a clue in a book written more than a thousand years earlier. It described how sweet wormwood could be used to treat fevers. Tu carefully tested this plant and discovered a powerful substance inside it—artemisinin. This medicine became the most effective treatment for malaria.

A Life of Dedication

Tu Youyou was not famous at first. She was quiet, humble, and focused only on her research. She even sent her young daughter to live with relatives so she could continue her work. But her persistence paid off. Her discovery saved countless lives and changed the way doctors fought malaria.

In 2015, Tu became the first Chinese woman to win a Nobel Prize, honoured for her groundbreaking work. She also received many other awards, including China's Highest Science and Technology Award and the Medal of the Republic. Even in her late eighties, she continued studying artemisinin and discovered new ways it could help treat other diseases, such as lupus.

Legacy

Tu Youyou's journey—from a sick teenager to a Nobel Prize-winning scientist, shows the power of perseverance, curiosity, and responsibility. She proved that by combining traditional wisdom with modern science, it is possible to make discoveries that change the world. Today, millions of people are alive because of her work, and her story continues to inspire young learners everywhere.