

# Seeing in 3D: Stereoscopes & View-Masters

## What Are They?


A **stereoscope** and a **View-Master** are special viewers that make pictures look **3D**—like they are popping out at you!

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## How Does It Work?

Your eyes work together like a team!

- Each eye sees a **slightly different picture**
- Your brain puts them together
- The picture looks **3D (three-dimensional)**

 It's the same idea used in 3D movies today!

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## The Stereoscope (Long Ago)

- Used in the **1800s**
  - Looked like a small viewer with a handle
  - Used **stereoview cards** (two pictures side-by-side)
  - People used them to see places around the world!
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## The View-Master (More Modern)

- Became popular in the **1900s**
  - Looks like **binoculars**
  - Uses **round reels** with tiny pictures
  - Press a **lever** to see the next image
  - Often used for **fun and learning**
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## What's the Same? What's Different?

### **Stereoscope**

Uses flat cards

Older (1800s)

Slide card by hand

Both show **3D pictures!**

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### **View-Master**

Uses round reels

Newer (1900s)

Click a lever

## Try It!

When you look through one:

- Do the pictures look **real** or **flat**?
  - What happens when you move to the next image?
  - Can you tell how your **eyes work together**?
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## Fun Fact!

Before movies and TV, people used stereoscopes for entertainment—just like we use screens today!

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## Talk About It

At home, ask:

- Have you ever seen something in 3D?
- How is this different from a phone or TV?