

## SPORTS

## Impossible Shapes

by Aidan



Some optical illusions are special because they show us impossible shapes, which are drawings that look solid and real but could never exist in the three-dimensional world. One famous example is the Penrose Triangle.



Penrose Triangle



Borromean Rings

triangle, but as your eye follows the connections, the corners seem to go in different directions. It appears to be turning away and coming toward you at the same time! Another illusion is the Borromean Rings. These three rings are linked so that if you remove any one ring, the other two fall apart, even though no two individual rings are actually linked together.

## WORDS

amazing	놀라운	illusion	착각, 환상
Borromean	보로메오의	impossible	불가능한
clever	영리한, 기발한	individual	개개의, 각각의
exist	존재하다	optical	시각의, 광학의

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## ABOUT

ENGLISH NEWS  
KOREA:  
OPTICAL ILLUSIONS

by Aidan Mocke

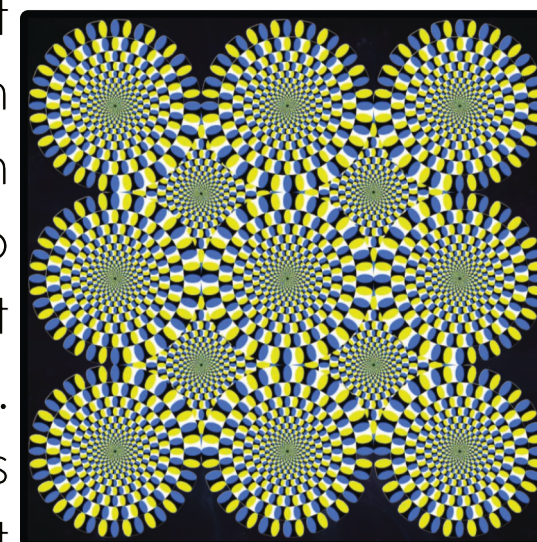
## SPORTS

## Optical Illusion

by Aidan



Have you ever seen something that tricked your eyes? That's called an optical illusion! Our eyes and brain work together like a team to understand the world. Our eyes collect light and send messages to the brain. But sometimes, when a picture has special lines, colors, or shapes, it confuses the brain. The brain tries to make sense of the confusing picture, which makes us see things that are not truly there. It's not magic. It's just your brain and eyes having a playful disagreement.



Are they moving?

## WORDS

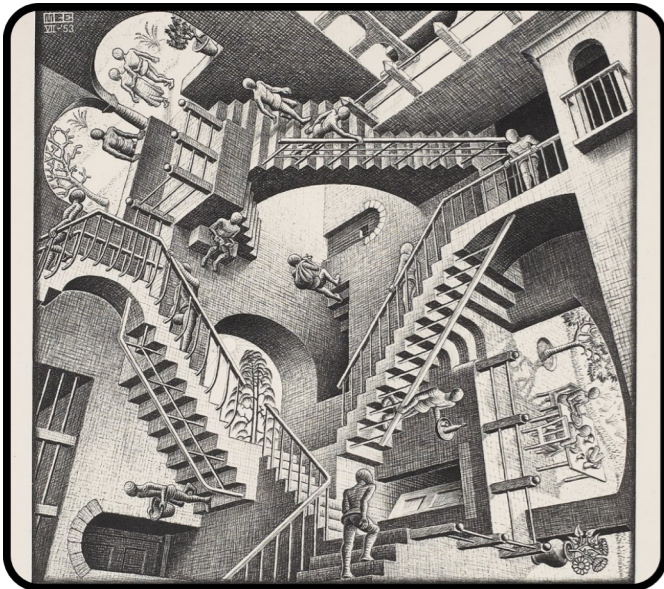
collect	수집하다	length	길이
disagreement	불일치	optical	시각의
exactly	정확하게	playful	장난기 많은
illusion	착시	truly	정말로

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## M.C. Escher

by Aidan



Relativity

The artist M.C. Escher was a Dutch master of optical illusions who blended art, math, and mystery to create his celebrated works. He is famous for two main kinds of art. First off, tessellation. This means filling a surface perfectly with repeating shapes, like puzzle

pieces, with no gaps or overlaps. He made these patterns with things like birds, fish, or reptiles, watching them transform across the picture. Second, he perfected impossible drawings, which are pictures that seem logical in smaller sections but, when viewed as a whole, depict structures that couldn't possibly exist in the real world. His lithographs, such as "Relativity" and "Waterfall," feature staircases that loop endlessly or water that flows uphill, visually demonstrating deep mathematical ideas and beautifully challenging our perception of reality and space.



Tessellation

### WORDS

blended	섞인, 혼합된	lithographs	석판화
celebrated	유명한,	optical	시각의, 광학의
depict	묘사하다, 그리다	perception	지각, 인식
endlessly	끝없이	tessellation	테셀레이션

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## Hidden Images

by Aidan



Some pictures have hidden images inside them. This is very clever! When you first look, you see one thing. But if you look closer, you might see a different shape. Maybe an animal or a hidden face! The artist uses lines and shadows to hide the second picture. It's always fun to search and find the hidden surprise!



Can you find the horses?

### WORDS

artist	예술가	hidden	숨겨진
clever	영리한	inside	안에
completely	완전히	search	찾다
different	다른	surprise	놀라움

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## FOOD

## Trick Art

by Aidan



Do you know about trick art? It is a kind of art that looks real but it is flat. Artists draw on a wall or on a floor. You can stand in the picture and take a cool photo. It is very fun to see!



Trick art

### WORDS

artist	미술가	picture	그림
draw	그리다	real	진짜의
flat	평평한	take	찍다
kind	종류	trick	속임수

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