

# The **SCIENCE** of **MOVIES**



JOHN PERRITANO



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## Chapter 1

# ON THE EDGE OF OUR SEATS

Sirens blare.  
A building is on fire.  
Smoke pours out.  
Firefighters go in.  
They hear a noise.  
It came from behind a door.  
Someone may be trapped.

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Out comes an ax.  
They break the door down.  
The fire howls.  
There is no time to move.  
*Boom!*  
Smoke shoots out.  
*Whoosh!*  
A ball of fire rolls behind it.  
Look out!  
A firefighter is in its path.  
He goes flying.

Flames fill the room.  
They head for steel tanks.  
The tanks explode.  
Red sparks fly.  
The floor drops.  
A firefighter goes with it.  
Oh no!



It's okay.  
There is no need to worry.  
This is a movie.  
The flames are real.  
But no one is hurt.  
How?  
**Science** made it happen.



# The **SCIENCE** of **MOVIES**

How did Edison help movies get started?

What was Technicolor?

How do 3-D glasses work?

Who was Dar Robinson?

Has a movie ever amazed you?

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