



Supplemental cobalt is essential in sheep's diets to prevent the sheep disease Swayback, and to improve the wool's quality.

From <https://periodic.lanl.gov/27.shtml>

Film Fest 2024

With Eric Muller, Megan Taylor,
Julia Petraglia, Sam Sharkland,
and The Fabulous Liz Keim!!!!

Film Fest XXVII
Our 27th year!

It's our Cobalt Anniversary



Cobalt!
Element 27!

12.06 trips around the Sun....if
you lived on Mercury!

This document can be found here:

<https://tinyurl.com/tifilmfest2024>

The Teacher Institute's 27th Annual Film Festival!

Friday, June 21st, 4pm-6pm. This is an annual event for teachers in the Teacher Institute's Alumni community (which now includes you!). There will be snacks, awesome science videos, and even more awesome science teachers.



Playbill

3:45

(15 min.)

Cinema Arts Openers (S and L)

[Heliocentric by Semiconductor \(2010, 15 min.\)](#)

4:00

Welcome to the 27th Annual Film Fest! (E)

(5 min.)

Paul Rugg: People ask me how I relax (1:06) (E)

<https://www.youtube.com/watch?v=DLu2CFDBJk0>

Teacher Center Key and Peele (3:47) (E)

<https://www.youtube.com/watch?v=dkHgPFbxmOU>

Covid song (:28) (E)

<https://www.facebook.com/watch/?v=251285232661984>

4:05

Act I: Perceptual Illusions

(2 min.) What do you hear? Bart Simpsons Bouncing (M)

<https://www.youtube.com/shorts/TbpTPWfMINc>

(7 min.) McGurk effect (E)

▶ McGurk effect - Auditory Illusion - BBC Horizon Clip (02:11)

- **No way!** Bring two participants up on stage to model the effect

(6 min.) Defying Gravity!

- (2 min. Clip 11:05-13:10) ▶ Palace of Delights- Exploratorium- NOVA (L)
- (2 min.) The real thing: <https://youtu.be/ZLnUDojYxk> (SJ or M)

4:20

Act II: Cool or Questionable?

(10 min.)

"Mad Mike" dies from his homemade rocket (1:26) (E)

<https://www.youtube.com/watch?v=lxkYJl4y4xE>

"I will not accept that it's a highly dangerous road" (:56) (E)

<https://www.youtube.com/watch?v=7Qir4EEpawE>

Speeding and texting (1:02) (E)

<https://www.youtube.com/watch?v=3qNjt04bpQM>

(Start at 1:50) ▶ Army of Crabs Protect Spy Robot From Stingray | Spy In The Ocean | ...
(E)

4:30

Act III: Everyday Science

(10 min.)

[Everyday ASL](#) 1min (M)

Dog v Cat Obstacle Challenges (M)

- [Dogs v cats - Obstacle Challenge](#) (2)

- [Dogs reacting to lemons](#) (1)

[What's In Store](#) (2:04) (M)

Measurement History - SNL 5 min (E)

<https://www.youtube.com/watch?v=JYqfVE-fykk>

4:45

Act IV: Water, Water Everywhere!

(20 min.)

 Time-Lapse Camera : Underwater Icicle "Finger of Death" (2:13) (E)

Oceans Give, Oceans Take | Robert Krulwich (6:53) (E)

<https://www.youtube.com/watch?v=dZlaXx74IP0?>

Opening a Soda on the Ocean Floor (:36) (E)

<https://www.youtube.com/watch?v=EJiUWBiM8HE>

Waterfront Resilience Explained by San Francisco Youth (1:43 min) (E or Port)

https://www.youtube.com/watch?v=yzutF_EE6xk&list=PL06pECak9U4vSXTp4mb2_M8YrnbmxSaPW&index=2

How the SF Ferry Building will be raised (2:30) (E or Port)

<https://www.youtube.com/watch?v=iKXpUXl85L8>

5:05

– Intermission! –

(15 min.)

Cinema Arts: Extraordinary Cinema (L and S)

Western Spaghetti by PES (2008, 2 min.)

Film to Break Projectors by Tim Grabham (2017, 5 min.)

Down to Earth by Anna Vassof (2014, 4 min.)

Tape Generations by Johan Rijpma (2011, 3 min.)

Traveling Light by Jane Aaron (1985, 2 min.)

5:20

Act V: Science of Soccer!

(20+ min.)

- 1-2 min of this: [Amazing free kicks montage](#) (women) (M)

- (10 min.) **Live - Snack time - Curveball demonstrator** (M and E)
- More info about what's going on: ["Impossible" free kick](#) (3:32) (E)
- Set up for test: [How to curve a soccer ball](#) (1) (E)

5:45

Act VI: It's All About the Exploratorium

(2 min.) Swing video (L)

(5 min.) *Oppenheimer* Movie (M)

- (2 min.) [Scene from *Oppenheimer*: bomb detonates](#)
- (2 min.) Frank's reflection: [Day After Trinity](#)

(3 min.) Welcome to the shop! (E)

<https://drive.google.com/file/d/1iMRRI0pIXWYihmMTtpM2oWUubazmY7QJ/view>

5:55

Finale (E)

(5 min.) [Exploding Whale](#)