



TELCO
PRODUCTIONS, INC.

Dragonfly TV

- SHOW # F-201 -

- INITIAL FEED DATE: WEDNESDAY, MARCH 05, 2014 -

S Y N O P S I S

- Young figure skaters develop and carry out experiments to understand why certain spinning moves cause more dizziness than others.
- Go kart racers work on optimizing their go karts to suit different track conditions, learning how varying gear ratios and engine rpms affect performance.
- Developing a system of observation and comparison, young animal lovers investigate which baby animals grow the fastest. Youngsters chart and compare baby chickens, cows and pigs.
- Science Riddle: How can you keep a boat from rocking on the water?
- Visiting an ice cream scientist.

(This show is closed-captioned)



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- SHOW # F-202 -

- INITIAL FEED DATE: WEDNESDAY, MARCH 12, 2014 -

SYNOPSIS

- Training for survival in winter conditions, youngsters learn how to build a traditional shelter from snow, then measure and compare temperatures inside and outside the shelter.
- Girls from the Creek Nation look for inexpensive and durable building materials to help address a housing shortage. They devise and execute tests comparing cinder blocks, straw & stucco and straw bales for insulating properties and fire and water resistance.
- A young inventor designs a safer shelter for ice fishing, including solar panels and emergency flotation.
- Science Riddle: How do you climb the outside of a skyscraper without ropes or harness?
- Visiting a seismic engineer.

(This show is closed-captioned)

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- SHOW # F-203 -

- INITIAL FEED DATE: WEDNESDAY, MARCH 19, 2014 -

SYNOPSIS

- Investigating the physics of water skiing, young water skiers compare how various types of skis and wakeboards perform.
- Soccer players invent methods to measure and test kicking performance, learning how strength affects distance.
- Young circus performers invent a “wobble meter” to investigate balance, learning how and why a pole can help a tight rope walker keep from falling.
- Science Riddle: How can you make an odor-proof shirt?
- Visiting a video game designer.

(This show is closed-captioned)



TELCO
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Dragonfly TV

- SHOW # F-204 -

- INITIAL FEED DATE: WEDNESDAY, MARCH 26, 2014 -

S Y N O P S I S

- Practical physics on the slopes—young skiers investigate how to control rotation during spinning trick by using their arms. They observe the effects of moving their arms in and out, and learn to improve their control.
- Young yo-yo experts develop several experiments to see what factors affect performance. In particular, they investigate how altering string length changes the way a yo-yo “sleeps.”
- Science Riddle: How can you send a message using a spinning disk?
- Visiting a meteorologist.

(This show is closed-captioned)



TELCO
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Dragonfly TV

- SHOW # F-205 -

- INITIAL FEED DATE: WEDNESDAY, APRIL 02, 2014 -

S Y N O P S I S

- Investigating the science of propulsion, young rocketeers experiment with designing their own model rockets, noting how various shapes, materials and engine affect performance.
- A scientist explains hydrodynamics using a robot fish to illustrate important principles.
- Using the rockets they designed, the young scientist head to a model rocket festival to put their theories and designs to the test.
- Science Riddle: How can you get a rollercoaster going without the slow pull uphill?
- Go kart racers work on optimizing their go karts.

(This show is closed-captioned)