

SCINEMA

INTERNATIONAL SCIENCE FILM FESTIVAL 2019

UPPER PRIMARY SCHOOL PROGRAM

RUN TIME 2 hours 8 minutes

TRACKING SNOW (United States)
4:37 minutes

Directed by Danny Copeland, J.P. Lawrence,
Jaclyn Aliperti, Tanya Martinez

Researchers discover a novel way of studying elusive carnivores – they use snow tracks. Join two scientists – Jessie and Tommy - as they re-purposed an old technique in a way that not only revolutionises how we study threatened species and manage our landscapes, but also highlights the importance of collaboration in conservation.

WILD MEDICINE - ANIMALS' SUPERPOWERS
(Germany) **52:27 minutes**

Directed and written by Heiko De Groot
Produced by Doclights GmbH

Animals have superpowers that we humans can only dream of. Some re-grow their limbs after they have lost them, others can go into hibernation for months without losing muscle, how do they do this? Their skills could help humans against Alzheimer's, heart attack and osteoporosis, but these superpowers are still a mystery. In this documentary, scientists visit eight research projects in Europe and America, uncovering how animals can help us to save human lives and highlighting the importance of biodiversity.

SPACE TO EXPLORE 13:58 minutes

Natalie Panek, an aerospace engineer, pilot, and avid explorer, has spent her life focused on her biggest dream – to be the first to set foot on another planet. On an outdoor adventure to the Mars-like terrain of Moab, Utah, she searches to reconcile life's stumbles, redirections, and challenges in the pursuit of space travel as she designs the next Mars rover. In the face of sky-high arches and pinnacles, breathtaking views, and a canopy of stars, it's easy to believe the sky has no limits.

**WHY IS BLUE SO RARE IN NATURE? |
IT'S OKAY TO BE SMART** (United States)
8:26 minutes

Directed by Joe Nicolosi
Produced by Jordan Husmann,
Stephanie Noone, Amanda Fox
Written by Joe Hanson, Ph.D

You might have heard that there's no such thing as blue in nature. Well, that's not really true - there are blue rocks, blue sky, and blue water, but blue animals are few and far between. In this video, we'll look at butterflies to help us learn how living things appear blue, and why this beautiful hue is so rare in nature.

WHALE WISDOM (Austria) **50 minutes**

Directed by Rick Rosenthal
Produced by Katya Shirokow
Written by Mark Fletcher, Katya Shirokow

Whales have long been a profound mystery to us. They live in a world so removed from our own that we can barely imagine their lives. Marine biologist and filmmaker Rick Rosenthal is on a journey to explore these insights, measuring the latest science against his own observations and long-held beliefs – and just maybe, getting a glimpse of the world as it must seem to these ocean giants.

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