



INTERNATIONAL SCIENCE FILM FESTIVAL 2018

SECONDARY SCHOOLS PROGRAM (G)

RUN TIME 63mins SHORT PROGRAM / 116mins WITH FINAL DOCUMENTARY

VIRTUAL HUMANS (Spain) 6:00 mins
Award for Technical Merit

Directed by Guillermo Marin, Fernando Cucchiatti
Produced by Peter Coveney, Mariano Vazquez
Written by Roger Highfield, Peter Coveney, Guillermo Marin, Fernando Cucchiatti

This short film takes us to a future where a complete copy of you can be created, and used to monitor, study, and enhance your health. A future that might not be far from now.

For schools

Themes: The Human Body and Body Systems, Medicine, Sports Science.
To explore in-class: Research medical advances; present a recent medical discovery or invention to the class. Discuss how virtual human imaging can be used, ie as a learning tool in medical school.

LOOK (Lithuania) 3:30 mins
By Meinardas Valkevičius

Human activity does not always have a positive effect on our planet. This short animated film explores natural cycles of exchange between humans and animals. Dare to look and change the world.

For schools

Themes: Environment, Local pollution, Ecosystems.
To explore in-class: How does small scale individual pollution affect the world? How can students affect big changes by activities like reducing plastic usage, or responsible disposal of chewing gum.

iRONY (Australia) 8:00 mins
Best Short Film

This film contains adult themes
Directed, Produced and Written by Radheya Jegatheva

A film that explores the relationship between man and technology... told from the perspective of a phone. Various described as an Animation, an Experimental Film, a Narrative, a Documentary or a Film-Poem depending on who you speak to, this hand-drawn animated film is based on the poem 'Seven Billion' written by the film director that won 2 National poetry awards: The Young Australian Writer's National Award for Poetry, selected out of a field of 30,000 and the Karen W Treanor Poetry Award (Youth).

Jury comment: *This multilayered film explores a very topical and timely issue, and no other films came close to this level of creativity. An incredibly confronting and powerful discussion of technology, showing how emotive a science documentary can be.*

For schools

Themes: Social Media, Technology, Bullying, Fake News, Psychology.
To explore in-class: Responsible use and consumption of social media. Themes touch on physical crime, drug use, risky behaviour and opens opportunities to discuss social interactions and decision making.

KCLOC (USA) 2:30 mins
Best Animated Film
Directed, Produced and Written by Ninaad Kulkarni

What does time mean to you? This 3D exquisitely animated film explores our perceptions of time, with exquisite animation and great wit.

For schools

Themes: Time
To explore in-class: Consider what time means to individuals, what students want to do with their time on Earth, or what they would do if they could manipulate time.

PERSON OF THE FOREST (USA) 16:41 mins
By Melissa Lesh

In the disappearing lowland rainforests of Borneo, research is underway to uncover unique cultural behaviors in wild orangutans. Photographer Tim Laman, researcher Cheryl Knott, and explorer Robert Suro shed new light on the similarities between ourselves and our ancient ancestors, before it's too late.

For schools

Themes: Ecosystems, Environment, Animals, Evolution, Culture, STEM careers.
To explore in-class: Ecosystems and human interactions – What do research scientists have to consider whilst studying the orangutan? How is human activity affecting the orangutan?
Evolution – if humans are so similar to orangutans, why have they evolved as separate species? **Environment** – why is it important to study the orangutan and what could be the outcomes of such studies? **STEM Careers** – what are the pros and cons of a research science job? Would you enjoy being an orangutan research scientist, given living conditions? **Culture** – why do humans and orangutans have specific cultural customs? ie different ways of greeting each other?

GRASSROOTS (Australia) 19:10 mins
Best Documentary

Directed by Frank Oly
Produced and Written by Tegan Nock

A story about farmers, the soils they work and a piece of powerful knowledge that nearly slipped through their fingers. Grassroots follows Guy Webb and his friends, unlikely heroes on a quest to bring a genuine climate change solution to the world.

Jury comment: *This story of farmers turned accidental activists is one you want to share with everyone you know. It shows that science shouldn't remain in the arena of labs and academics – instead it shows that people who need this technology can go out and fight for it.*

For schools

Themes: Agriculture, Climate Change, Global Carbon Systems.
To explore in-class: Discuss what effects climate change has and will have on farming industries. How can farmers make a difference to climate change?

THE KINGDOM – HOW FUNGI MADE OUR WORLD (Australia) 52:00 mins
Best Film

Directed by Annamaria Talas, Simon Nasht (Australia)
Produced by Susan MacKinnon (Australia), Anne Pick, Bill Spahic (Canada)

Some fungi will save us, others will threaten us, and we are just beginning to understand which is which. The great, untold story of how fungi shaped all life on land.

Jury comment: *This film takes us on a wonderfully creative journey from the beginning of time to the present, revealing the hidden world of fungi with beautiful cinematography.*

For schools

Themes: Ecosystems, Fungi, the Living Planet, Cells, Medicine.
To explore in-class: What questions does this film raise about fungi? What do students want to study further?

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