AUSTRALIA'S SCIENCE CHANNEL presents

SCINEMA

INTERNATIONAL SCIENCE FILM FESTIVAL 2018

PRIMARY SCHOOLS PROGRAM (G)

RUN TIME 35mins SHORT PROGRAM / 93mins WITH FINAL DOCUMENTARY

KCLOC (USA) **2:30 mins**
Best Animated Film

Directed, Produced and Written by
Ninaad Kulkarni

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

Jury comment: *With exquisite animation this film manages to take something common to all of us that we don't stop to think about into something fun, witty and nuanced.*

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.

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.

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 orang-utans, why have they evolved as separate species? **Environment** – why is it important to study the orangutan and what could be the out-comes 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?

ASTROTURF (United Kingdom) **1:05 mins**
Best Experimental Film

Directed by James Uren
Produced and Written by Nidhi Gupta

Using the strange sounds of recordings of satellites in space, Astroturf juxtaposes the minutiae of human life with the incredible size of our universe.

Jury comment: *This clever film takes the old adage 'in space no one can hear you scream' and turns it on its head.*

For schools
Themes: Space, Sound.
To explore in-class: Make your own noises in the classroom to represent different activities in space. Older year groups could try to identify what some of the noises in the film are ('watch-ing' the film with your eyes closed may help).

PROTECTORS OF THE PENGUINS (UK)
5:23 mins

By Jessie Ayles and Meigan Henry

Meet the people who stand between the world's last wild populations of African penguins and extinction. They're black and white and full of charm, but African penguins need more than charisma to avoid extinction. Over the past century, the seabird's population has dropped almost 95 percent due to myriad oceanic woes – entanglement in ghost fishing gear, loss of prey, fouling in spilt oil, and more.

For schools
Themes: Animals, Ecosystems, the Living Planet, STEM careers.
To explore in-class: Discuss the reasons why African penguin's are endangered, and what can be done to protect them. What might it be like to work as a Penguin Field Ranger? What might be the downsides of the job? Why might it be a good job?

VOTE for your FAVOURITE FILM for the 2018 PEOPLE'S CHOICE AWARD

Go into the Draw to Win a GoPro Hero5

scinema.australiascience.tv/vote

THE SECRET TO MAKING BETTER DECISIONS – CATALYST
(Australia) **58:24 mins**
Award for Scientific Merit

Directed and Produced by David Symonds, Nicholas Searle

Mathematician Lily Serna believes maths can provide the answer to life's tough decisions and she's going to show us how in the first of the new series of Catalyst.

While searching for the perfect beach she reveals the formula for making blind choices. She also shows how logic can make you better at games and even tell which queue to join at the supermarket. Lily introduces some Maths 'Phobics' to the 'Monty Hall Dilemma'. A game-show conundrum that will make you radically rethink your decisions in a game of chance.

Lifting the lid on algorithms, Lily uses them to solve an orienteering challenge and we enter the world of the optimised warehouse where all the decisions are made by these logic rules. She also sees how human intuition and maths make a powerful team, meeting designer Jason Grech who uses artificial intelligence in the design of his couture gowns.

Finally she explores the maths of chaos and how it's used to decide what the weather will do.

Jury comment: *To make the most abstract of mathematical concepts and logical reasoning both accessible and informative while still remaining humorous and relatable is an extraordinary effort.*

For schools
Themes: Maths, Probability, How to Make Life Decisions.
To explore in-class: A relatable film which makes maths relevant. Discuss and test theories presented in the film. Many take away activities to explore with students with practical and interesting applications to all aspects of their lives.