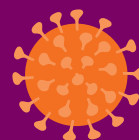


FESTIVAL BOOKLET
01.10. – 20.12.2021



BETTER HEALTH

THROUGH BETTER UNDERSTANDING

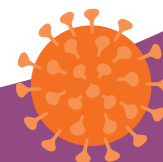
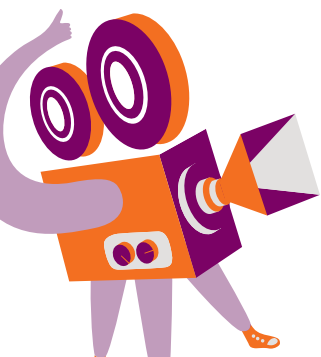


sciencefilmfestival.org



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MESSAGE FROM DR MARKUS LITZ

DIRECTOR, GOETHE-INSTITUT MALAYSIA

Welcome to the 11th edition of the International Science Film Festival in Malaysia. In 2020 the festival reached more than 800.000 viewers in 28 countries in Southeast Asia, South Asia, Africa, Latin America and the Middle East. The outcome further strengthens its positions as the largest science focussed film festival worldwide.

The Goethe-Institut, which is the official German cultural institute, is delighted to be again one of the organizers together with its partners: the Ministry of Education, the Malaysian Nature Society, German-Malaysian Institute, Association of Science, Technology and Innovation, Ecocentric Transitions, Women's Aid Organisation and the German Partner School Initiative (PASCH) in Malaysia.

During the festival period from 1 October to 20 December 2021 the films are available free of charge on VIMEO and can be streamed non-commercially in schools, universities and other educational venues throughout the country. This is only possible through the coordinated efforts of all our partners.

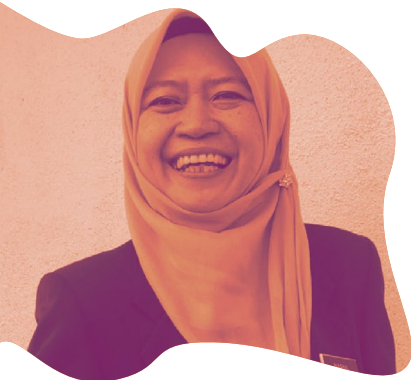
The world is facing a global health crisis unlike any other - COVID-19 has destabilized the global economy and upended the lives of billions of people around the globe. In the context and aftermath of the pandemic, health and mental well-being are more important than ever. Many children and youths in particular may be struggling, they may be worried about maintaining their own wellbeing or want to better equip themselves to help loved ones. That is why bringing these issues out into the open especially at this time is so important and why the Science Film Festival turns its focus on the science of health and wellbeing in 2021 with a selection of international films on these topics.

Ensuring healthy lives and promoting well-being at all ages is essential to sustainable development. Therefore, this years main theme is of outstanding importance for everyone involved in this project.

I would like to thank all parties and partners involved in this project, all schools and universities, as well as all volunteers. I hope that you will enjoy the selected films, online teaching sessions, quizzes and competitions. May the Science Film Festival 2021 become another success!



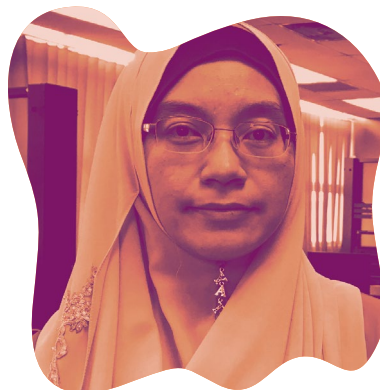
JURY MALAYSIA



NARMA

President of Malaysian German,
Teacher's Society

Narma is a German Language Teacher with over 30 years of experience. In 2018, she was awarded the Excellent German Teacher Asia-Pacific, Australia and New Zealand Award for her contributions. Narma believes that to teach any language, it is important to have an extensive understanding of science, humanity, culture and nature. This is so that she will be able to ensure that her students will be able to articulate these complex concepts confidently and fluently. Just like her students, media like movies and short films play an important role in spreading awareness and shaping the world.



HAZNI YATI

Head of Section of Computer
& Information,

German-Malaysian Institute

As a Head of Section of Computer & Information, Yati managed to coordinate large numbers of student final year projects in three different areas of Computer & Information (Network Security, Creative Multimedia and Software Testing). Three of her student's final year projects in the area of Network Security have been awarded as the best final year project in 2011, 2014 and 2016. She is a multidisciplinary teacher who also manages and advises the GMI female futsal club. The team won Gold medals in two female futsal tournaments. Due to her outstanding performance, she has been awarded the MARA Icon Award in 2016. These achievements have boosted her desire to continuously work as an outstanding leader, mentor and teacher.

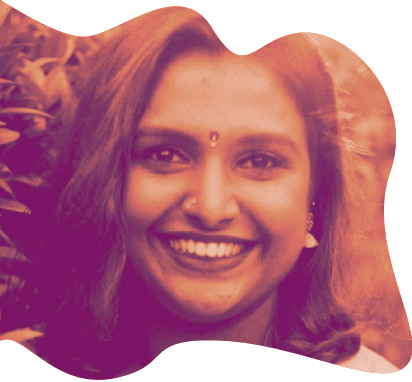


ALICIA LEE

Community Engagement Officer,
Women's Aid Organisation

Alicia Lee is the Community Engagement Officer at Women's Aid Organisation with a background in psychology. Her journey with women's rights advocacy began during her undergraduate years, where she explored social science subjects in relation to violence against women. Today, she works on managing partnerships with WAO and engaging with various communities, especially the youth.

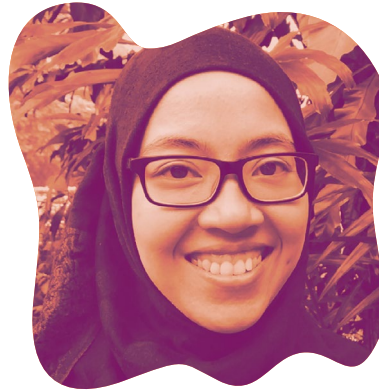
JURY MALAYSIA



BAVITHRA

German Language Teacher,
Malaysian German Teacher's
Society

Bhavithra is a German Language Teacher at SM Sains Seri Puteri, KL for almost 5 years. Currently pursuing her Masters in Educational Management at University of Malaya. She also believes that every student should learn an extra foreign language which will help them shape a better future. Education is made for all regardless of ages. Bhavithra wants to create a larger German speaking community in the nation.



EDA

Environmental Education
Division,
Malaysian Nature Society

Eda is trained in the field of Bioinformatics. Her passion for the natural environment grew while studying Seagrass Ecology in Sarawak. It is also then, that she realized the importance of Environmental Education to conserve Malaysia's natural heritage.

In 2011, she joined the Malaysian Nature Society (MNS) and directly reports to the Environmental Education Division. Since then, she has been involved in various Environmental Education projects with the Society. Currently, she is managing a number of EE projects involving water conservation, marine conservation as well as plastic waste management. She was also involved in the SEACircular Project when the Ministry of Environment and Water appointed MNS as a CEPA Working Group member.



AMNANI KADIR

Partnerships Director,
Women's Aid Organisation

With a background in business and public relations in Malaysian content and publishing, Amnani began her move towards community engagement when she started volunteering with Women's Aid Organisation as a Crisis Support Officer for the hotline. She now works to create engaging and impactful partnerships across industries.

JURY MALAYSIA



SURESH

Science & Chemistry Teacher,
SMK Taman Universiti 2,
Johor Bahru

Association of Science,
Technology and Innovation

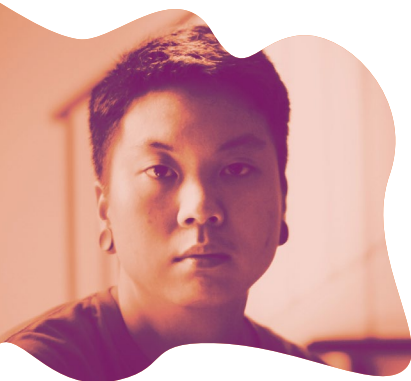
Suresh Ramasamy is a Science and Chemistry teacher, currently teaching at SMK Taman Universiti 2 in Johor Bahru. He has 25 years of teaching experience in secondary schools. As a member of the Association of Science, Technology and Innovation (ASTI) he is involved in their programs to promote science and innovation among children throughout the schools in Malaysia. These programs include the National Science Fair for Young Children, Young Inventors Challenge and Critical and Creative Thinking Camps.



LYMUN

Co-founder,
Ecocentric Transitions

Lymun Loo is the co-founder of Ecocentric Transitions, where he started his environmental sustainability journey and explored life skills that have been overlooked in the pursuit of modern day convenience. Growing up with a passion for nature and the outdoors, he is inspired by natural systems and a plastic free world which brought him to explore sustainability within a community setting through Transitions TTDI and permaculture. Dabbling in setting up exhibitions over the last seven years, Lymun evolved into the role of production manager, leading a small team of young photographers and volunteers at the Obscura festival of photography. Having natural tendencies towards precision and bodily kinesthetics, he currently pursues woodworking, photography, personal health and fitness.



AMES SIA

Digital Content Developer,
Women's Aid Organisation

Ames is an experienced Content Developer with a demonstrated history of working in the civic & social organization industry. Skilled in Graphic Design, Motion Graphics, and Illustration. He supports #TeamWAO in organizing and executing various campaigns, fundraising and projects.

FESTIVAL THEME 2021: HEALTH AND WELLBEING

FILM CATEGORIES



**FAMILY
EDUTAINMENT**



**CULTURE &
HISTORY**

**ECOLOGY &
ENVIRONMENT**



**NATURAL SCIENCE,
LIFE SCIENCE &
TECHNOLOGY**



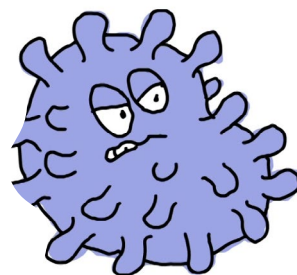
**NON-VERBAL &
SCIENCE SHORTS**



ELLI'S LITTLE CORONA LESSON - CORONA WITHOUT GRANNY AND GRANDPA

DIRECTOR NA **PRODUCED BY** SWR - Südwestrundfunk
RUNNING TIME 2 mins **COUNTRY** Germany **YEAR** 2020
AGE GUIDELINES Primary School (9-11)

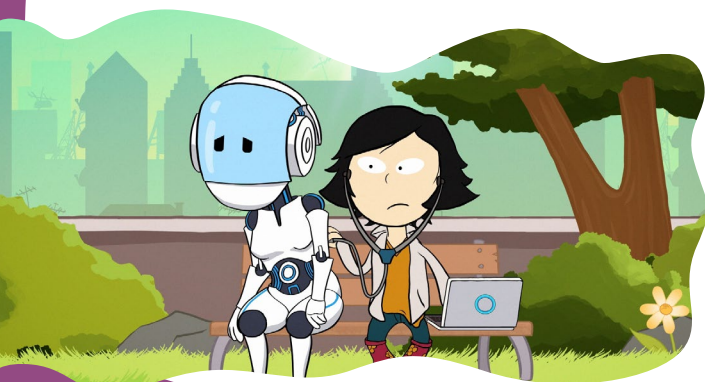
Synopsis /Ellis' life has changed since the whole world is afraid of Covid-19. Like everyone else, Elli has to stay at home with her dad and her friend, the computer mouse Cosmo. This is not easy - for anyone! There are many problems and even the adults are often at a loss. But Elli and Cosmo are not intimidated and find funny and exciting answers to the new questions of living in Corona times. Elli is not allowed to go visit her grandma. Not even if Elli feels completely healthy. The risk of infection by the virus is too great. So visiting grandma is not possible at the moment, but they can still have fun together. Elli has a good idea.



ELLI'S LITTLE CORONA LESSONS: HOW CAN I FIGHT CORONA?

DIRECTOR NA **PRODUCED BY** SWR - Südwestrundfunk
RUNNING TIME 3 mins **COUNTRY** Germany **YEAR** 2020
AGE GUIDELINES Primary School (9-11)

Synopsis /Ellis' life has changed since the whole world is afraid of Covid-19. Like everyone else, Elli has to stay at home with her dad and her friend, the computer mouse Cosmo. This is not easy - for anyone! There are many problems and even the adults are often at a loss. But Elli and Cosmo are not intimidated and find funny and exciting answers to the new questions of living in Corona times. Superpowers are what's needed, Elli thinks. Then she would chase away, beat up, destroy the Covid-19 virus in no time at all. Unfortunately, the motto is quite different: Stay at home! Don't meet anyone! A really boring way to fight the virus. But something can be done about the boredom.



KNIETZSCHE AND HEALTH

DIRECTOR Anja von Kampen **PRODUCED BY** vision X Mediengesellschaft GmbH
RUNNING TIME 3 mins **COUNTRY** Germany **YEAR** 2020
AGE GUIDELINES Primary School (9-11)

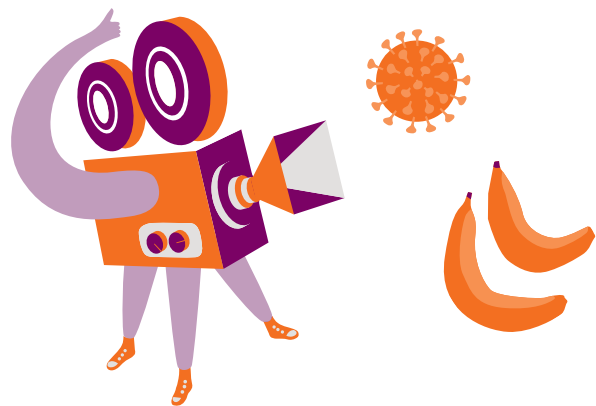
Synopsis /For Nietzsche, the matter is clear: health must run like clockwork for life to run smoothly. Health is not a matter of course and is a constant process - often your engine is running at peak performance, but your body or your emotions can also get sick. If you are smart, you train your immune system.



ELLI'S LITTLE CORONA LESSONS: TOTALLY MAD!

DIRECTOR NA **PRODUCED BY** SWR - Südwestrundfunk
RUNNING TIME 4 mins **COUNTRY** Germany **YEAR** 2020
AGE GUIDELINES Primary School (9-11)

Synopsis /Ellis' life has changed since the whole world is afraid of Covid-19. Like everyone else, Elli has to stay at home with her dad and her friend, the computer mouse Cosmo. This is not easy - for anyone! There are many problems and even the adults are often at a loss. But Elli and Cosmo are not intimidated and find funny and exciting answers to the new questions of living in Corona times. Elli's dad gets on her nerves a lot. Actually, Elli likes her dad. But not uninterruptedly, day after day. Unfortunately, there is no escape. Thanks to the Covid-19 virus, they both have to be at home all the time. That's why Elli and her dad are often fighting now. It can't go on like this. Cosmo comes up with a few changes for everyday family life: all the housemates are allowed to make a wish so that life together works better. This also means that everyone is allowed to be alone for a while.



HOW ARE YOU? CHILDREN IN THE CORONA CRISIS - MONA FROM SOUTH AFRICA

DIRECTOR NA **PRODUCED BY** SWR - Südwestrundfunk
RUNNING TIME 4 mins **COUNTRY** Germany, South Africa **YEAR** 2020
AGE GUIDELINES Secondary School (12-16)

Synopsis /All over the world, people are fighting the Coronavirus. Children are particularly affected by the pandemic that has changed everything. Their entire daily lives have changed, securities are gone, everything is uncertain and adults are at a loss. Suddenly, everything that was taken for granted until a few weeks ago is forbidden: going to school, visiting grandparents, meeting with friends. Instead, everyone is told to stay at home. Life is no longer the same, for anyone. In all countries, children now have to learn to cope with this. In doing so, they often show a lot of courage and imagination. In the series "How Are You?" from Planet Schule, children and young people from several countries talk about their new everyday lives. In short clips filmed with their smartphones, they show their homes, report on how they now learn, play and live, and talk about their fears and wishes. They are all united by one dream: The crisis should be over soon! Mona is 11 years old and lives near Pretoria, South Africa. This episode tells her story.

DUBBED IN
BAHASA MELAYU





WHAT BODY IS THIS? TAINA AND CAUA - BODY SHAMING

DIRECTOR Chico Bela

PRODUCED BY Produzido por Canal Futura - Fundação Roberto Marinho e apoiado por Childhood Brasil, Unicef, Fundação Maria Cecília Souto Vidigal, Freedom Foundation, Google, Instagram e Facebook

RUNNING TIME 4 mins **COUNTRY** Brazil **YEAR** 2020

AGE GUIDELINES Primary School (9-11)

Synopsis/In this series meet the Vila Cesar family. In the middle of the day-to-day running, the couple and their five children experience situations and reflect on issues that are very important for the sexual development of each person in their different stages of life. From the discovery of the genitals to complex themes such as homophobia and sexting, The series invites to a frank debate on sexual rights and self-protection. In this second season, online prevention is the main focus and this episode covers body shaming.



WHAT BODY IS THIS? TAINA AND CAUA - SOCIAL MEDIA SAFETY

DIRECTOR Chico Bela

PRODUCED BY Produzido por Canal Futura - Fundação Roberto Marinho e apoiado por Childhood Brasil, Unicef, Fundação Maria Cecília Souto Vidigal, Freedom Foundation, Google, Instagram e Facebook

RUNNING TIME 4 mins **COUNTRY** Brazil **YEAR** 2020

AGE GUIDELINES Primary School (9-11)

Synopsis/In this series meet the Vila Cesar family. In the middle of the day-to-day running, the couple and their five children experience situations and reflect on issues that are very important for the sexual development of each person in their different stages of life. From the discovery of the genitals to complex themes such as homophobia and sexting, The series invites to a frank debate on sexual rights and self-protection. In this second season, online prevention is the main focus and this episode covers how to stay safe on social media.





FIRST AID AT SCHOOL - FALL

DIRECTOR Marcio Shima

PRODUCED BY Canal Futura - Fundação Roberto Marinho

RUNNING TIME 5 mins **COUNTRY** Brazil **YEAR** 2019

AGE GUIDELINES Secondary School (12-16)

Synopsis Accidents can occur in the daily life of a school. Therefore, Professor Felipe de Arruda has prepared some first aid tips to learn how to deal with these emergencies. In this episode, what you should do when somebody has had a fall.

DUBBED IN
BAHASA MELAYU



FIRST AID AT SCHOOL - SEIZURE

DIRECTOR Marcio Shima

PRODUCED BY Canal Futura - Fundação Roberto Marinho

RUNNING TIME 5 mins **COUNTRY** Brazil **YEAR** 2019

AGE GUIDELINES Secondary School (12-16)

Synopsis Accidents can occur in the daily life of a school. Therefore, Professor Felipe de Arruda has prepared some first aid tips to learn how to deal with these emergencies. In this episode, what you should do when somebody is having a seizure.

2' LIFE CHANGING MINUTES - REALLY THE BETTER AND THE BEST

DIRECTOR Nuno Teixeira Marcos **PRODUCED BY** Ipatimup/i3S, Fundação Belmiro de Azevedo, Fundação Calouste Gulbenkian, Fundação La Caixa **RUNNING TIME** 5 mins
COUNTRY Portugal **YEAR** 2019 **AGE GUIDELINES** Secondary School (12-16)

Synopsis If everyday life is a struggle with the intuitive nature of choice and the drive not to change, can any facts alter this? Is scientific proof good enough, or do we need something else? Are we looking for answers? This series is about the excuses we give every day to refuse change and ignore the choices of a healthier life. The first fictional series on health literacy in Portugal is also the first health TV program ever to air on prime-time in Portugal. Each of the episodes tells a different story revolving around proven lifestyle choices that contribute to a healthier life. An innovative format, created by a multidisciplinary team for the public national TV network, with an audience of over 3 million viewers. All in two life changing minutes. In this episode, times are dangerous and any supper may be the last. Miss Fininha was the chosen cook, but her task gets tricky when she realizes that her concept of "better and the best" is not shared by all.





HOUSE OF LITTLE SCIENTISTS - BRUSHING TEETH

DIRECTOR Warinnet Termsirikamol

PRODUCED BY National Science Museum Thailand and Thai PBS

RUNNING TIME 10 mins **COUNTRY** Thailand **YEAR** 2019

AGE GUIDELINES Early Learners (5-8)

Synopsis /We eat food throughout the day, everyday, and this food leaves traces on our teeth. What would happen if we didn't brush our teeth? Find out how to brush your teeth properly and simply in this episode of "House of Little Scientists", the long-running early learners edutainment series from Thailand. Just following this fun, but effective method can help to keep our teeth clean and healthy.

DUBBED IN
BAHASA MELAYU



HOUSE OF LITTLE SCIENTISTS - HOW GERMS SPREAD

DIRECTOR Warinnet Termsirikamol

PRODUCED BY National Science Museum Thailand and Thai PBS

RUNNING TIME 10 mins **COUNTRY** Thailand **YEAR** 2020

AGE GUIDELINES Early Learners (5-8)

Synopsis /We know that we spread germs when we cough and sneeze. It causes germs to disperse into the air. But how far do the germs actually spread when we cough and sneeze? This episode of "House of Little Scientists" puts this question to the test. It also tries to find out if masks can really prevent the spread of germs and shows a six-step method of washing our hands properly.

DUBBED IN
BAHASA MELAYU



LIVING WITH MISOPHONIA

DIRECTOR Carolin Conrady **PRODUCED BY** ProSieben, Galileo

RUNNING TIME 12 mins **COUNTRY** Germany **YEAR** 2020

AGE GUIDELINES University and General Public (17+)

Synopsis /The protagonist Ebba suffers from misophonia, a largely unknown neurological disorder: the hatred of sounds. We accompany her in her everyday life and to a biopsychologist to better understand the phenomenon of misophonia.



THREE TEASPOONS OF SUGAR

DIRECTOR Kabelo Maaka **PRODUCED BY** Dr. Tshepo P. Maaka , NFFV, GFC

RUNNING TIME 14 mins **COUNTRY** South Africa **YEAR** 2019

AGE GUIDELINES University and General Public (17+)

Synopsis/In a household where meal times are a delightful feast full of bonding, fellowship and good eating, three members of this tight-knit family are diagnosed with Diabetes Mellitus. The film chronicles their individual experiences living with Diabetes - the highs, lows, defeats, victories and lessons. Inspired by real events and real people.

DUBBED IN
BAHASA MELAYU



ALUMINUM IN A SELF-EXPERIMENT

DIRECTOR Carolin Conrady **PRODUCED BY** ProSieben, Galileo

RUNNING TIME 15 mins **COUNTRY** Germany **YEAR** 2020

AGE GUIDELINES University and General Public (17+)

Synopsis/Aluminum has a reputation for being harmful, which is why consumer advocates for example advise against aluminum-containing deodorant and aluminum foil in contact with food. Under the supervision of the occupational physician, Professor Hans Drexler, our two hosts do an experiment of several weeks with very high aluminum exposure, as well as complete avoidance. The results are astonishing, even for the scientist, and we as consumers can take a lot away from the experiment for our everyday lives.



THE APPLE CORE - MINI-ORGANS

DIRECTOR Yvonne Smits **PRODUCED BY** Stephanie de Beer **RUNNING TIME** 15 mins

COUNTRY The Netherlands **YEAR** 2019 **AGE GUIDELINES** Primary School (9-11)

Synopsis/Computer chips mimicking human life is no longer science fiction, but reality! Presenter Pascal Tan, visits a hospital lab and finds out that scientists can make mini organs-on-chips from your own blood or urine. Mini-lungs, brains, livers, intestines, hearts: these miniature organs-onchips can simulate the working of your own personal human organs, perfectly. Pascal witnesses the creation of a genuine, beating, miniature heart and sees how it reacts to medicine. With these organs-on-chips, scientists can very efficiently test which medicine works best for each individual. "The Apple Core" (Het Klokhuus) is an educational children's program on NTR Television in the Netherlands. The series aims to teach kids between seven and twelve years old as much as possible about the society they are growing up in. Each episode covers one subject. The subjects vary from highly scientific to cultural and in a mix between documentary and drama, each subject is encountered in different ways.



WHEN IT'S RISKY... A COVID-19 AND DIABETES STORY

DIRECTOR Kabelo Maaka **PRODUCED BY** Dr. Tshepo P. Maaka, NFFV, GFC
RUNNING TIME 15 mins **COUNTRY** South Africa **YEAR** 2021
AGE GUIDELINES University and General Public (17+)

Synopsis /This is an extension of the film "Three Teaspoons of Sugar" in which Dr. Tshepo P. Maaka and Cabblo discuss the COVID-19 pandemic, its impact on the diabetic family and how they can protect themselves given their high risk of COVID-19 complications.

DUBBED IN
BAHASA MELAYU



SCI-PY REPORTER - BE HAPPY, STAY HEALTHY!

DIRECTOR Peer Varma **PRODUCED BY** Sci-PY; Openivy Media
RUNNING TIME 16 mins **COUNTRY** India **YEAR** 2021
AGE GUIDELINES Primary School (9-11)

Synopsis /The year 2020 was a challenging year, to say the least. The entire world had come to a standstill and the lockdown had altered everyone's plans. How do we stay positive in times of such uncertainty? In this episode, our reporter, Mira meets three of her friends who found exciting things to do to keep themselves happy and healthy during the global pandemic. Follow Mira to find out more.



AEROCENE PACHA - A SUSTAINABLE UTOPIA

DIRECTOR Julia Solomonoff **PRODUCED BY** Tomas Saraceno and Global Initiative Connect, Korean Band BTS **RUNNING TIME** 17 mins **COUNTRY** Argentina **YEAR** 2020
AGE GUIDELINES Secondary School (12-16)

Synopsis /On January 28, 2020, in the Salinas Grandes of the province of Jujuy, Argentina, a woman flew for the first time in Aeroceno: a hot air balloon created by the artist Tomás Aeroceno that does not use fuel, solar panels, batteries or helium; it is only powered by the sun's heat and drafts. An event in which native communities, specialists and fans of the Korean band BTS (promoter of the project) participated. Is it possible to fly without fossil fuels? The Aerocene Pacha balloon flight proposes a sustainable utopia to fight pollution and excessive exploitation of natural resources.



DANDELION: THE ECOLOGICAL FOOTPRINT

DIRECTOR Patrick Schlosser **PRODUCED BY** Studio TV
RUNNING TIME 30 mins **COUNTRY** Germany **YEAR** 2020
AGE GUIDELINES Secondary School (12-16)

Synopsis/Fritz doesn't find it funny that his neighbor David is telling his sister Kim that he lives in a construction trailer. Kim doesn't like wastefulness and she thinks the construction trailer is cool and environmentally conscious. Fritz is told to stay in David's apartment for a day so he can brag about living frugally in the construction trailer. Kim sees through her brother. But Fritz and her play along with the swindle. Slowly David begins to suspect all the garbage and pointless electrical appliances he has at home. As the most continuous program on children's television that explicitly deals with the topic of 'environment', this episode explains, among other things, what the 'ecological footprint' actually means. In the funny and at the same time emotional plot, we can ask ourselves whether we actually need everything we consume - or whether the climate isn't worth following the motto 'Live well instead of having a lot' more often.



K FOR KNOWLEDGE: ACTIVE WITH AGE

DIRECTOR Lena Paul, Lena Gräf, Verena Ziegler, Clarissa Juse
PRODUCED BY Bilderfest GmbH **RUNNING TIME** 25 mins
COUNTRY Germany **YEAR** 2020 **AGE GUIDELINES** University and General Public (17+)

Synopsis/The older, the better - statistically speaking, it's true! According to studies, older people in particular are more satisfied than younger people. Our satisfaction peaks in the second half of life: between the ages of 70 and 75! Older people are also more likely to volunteer and the most important long-term study on aging in Germany refutes the specter of loneliness in old age. So is everything set for a good life at old age? Not quite. In view of demographic change, scientists and local authorities are working to ensure that we can remain mobile and active for a long time.





K FOR KNOWLEDGE: MIRACLE BONES

DIRECTOR Franziska Müschenich, Max Lebsanft
PRODUCED BY Bilderfest GmbH **RUNNING TIME** 25 mins
COUNTRY Germany **YEAR** 2020 **AGE GUIDELINES** University and General Public (17+)

Synopsis /The skeleton of an adult is made up of over 200 bones. Incidentally, a quarter of these are in the hands alone, which is why we can move them so delicately. In their entirety, the bones are a fascinating composition of stability and flexibility.



XENIUS: EPIDEMICS AND SOCIETY - HOW THEY INFLUENCE OUR COEXISTENCE

DIRECTOR Jasmin Steigler, Lena Paul **PRODUCED BY** Bilderfest GmbH
RUNNING TIME 26 mins **COUNTRY** Germany **YEAR** 2020
AGE GUIDELINES University and General Public (17+)

Synopsis /Plague, cholera, tuberculosis, influenza, corona - epidemics have always afflicted man. They spread fear and terror, but they have also shaped society. "Xenius" explores the question of what measures exist to contain them and how they influence our coexistence - in the past and today.



XENIUS: VIRUSES WITH SUPERPOWERS - HOW CAN WE USE THEM FOR OUR BENEFIT?

DIRECTOR Jasmin Steigler, Franziska Müschenich **PRODUCED BY** Bilderfest GmbH
RUNNING TIME 26 mins **COUNTRY** Germany **YEAR** 2020
AGE GUIDELINES University and General Public (17+)

Synopsis /Viruses are usually portrayed as disease-causing villains. But that is not always fair. In many cases, they have true superpowers, for example as evolutionary helpers and bacteria destroyers. What viruses can do and how can we use their strengths for our benefit? The "Xenius" presenters Adrian Pflug and Emilie Langlade set out on an exciting search for viruses that don't cause illness and quickly make a discovery: On our own skin and in the soil beneath the green meadow. But why do we know so little about the good viruses so far?



GOOD VIRUSES, BAD VIRUSES

DIRECTOR Johan von Mirbach **PRODUCED BY** doc.station Medienproduktion, ZDF/3sat **RUNNING TIME** 44 mins **COUNTRY** Germany
YEAR 2020 **AGE GUIDELINES** University and General Public (17+)

Synopsis / In the current Corona pandemic, the SARS CoV-2 virus is killing a great many people and restricting life around the globe. But viruses also have good sides that we can use. According to the common definition, viruses do not belong to living organisms. Nevertheless, they have a great influence on evolution and are even a part of us humans. Some virus building blocks have anchored themselves in our genome and reproduce with us. They help us survive. Viruses built into the human genome - known as endogenous retroviruses - contribute to the formation of the placenta, for example. Other viruses attack bacteria, preventing them from spreading and thus creating space for further life. At the Bernhard Nocht Institute in Hamburg, viruses are studied, catalogued and archived. Bird flu, Zika, Ebola - a total of several thousand viruses have been completely sequenced, and the actual number is probably many times higher.



QUARKS - HOW CLEAN ARE OUR TOILETS?

DIRECTOR Markus Schall (Redaktion) **PRODUCED BY** WDR
RUNNING TIME 45 mins **COUNTRY** Germany **YEAR** 2020
AGE GUIDELINES University and General Public (17+)

Synopsis / It is an indispensable part of our lives and yet we don't like to talk about it: The toilet. In the course of our lives, we spend around six to nine months on the toilet. And yet the quiet little toilet and everything that happens there is a taboo subject. In fact, the modern toilet is one of the most important achievements of our civilization. Just how important the toilet is for a society can be seen where it is lacking: around 2.5 billion people in the world have no access to clean sanitary facilities and thus have a significantly greater risk of contracting epidemics and diarrhea. Toilets are the most intimate place we have. It's where we want to feel undisturbed and safe. But in times of Covid-19, restrooms have become a place of increasing insecurity, especially public ones. What is the risk of infection in public restrooms? Where do most germs lurk? And how can we protect ourselves from them?



HIRSCHHAUSEN AS VACCINATION TEST SUBJECT

DIRECTOR Krischan Dietmaier **PRODUCED BY** Bilderfest GmbH
RUNNING TIME 44 mins **COUNTRY** Germany **YEAR** 2020/2021
AGE GUIDELINES University and General Public (17+)

Synopsis / How are vaccines tested? How safe is their use? Eckart von Hirschhausen answers these and many other questions about the Corona vaccine in the documentary. Hirschhausen is himself a test subject in a clinical vaccination study.



PUMAS – LEGENDS OF THE ICE MOUNTAINS: BIRTH

DIRECTOR NA **PRODUCED BY** A TERRA MATER FACTUAL STUDIOS / WILD-LIFE FILMS production in coproduction with THIRTEEN PRODUCTIONS LLC, DOCLIGHTS/NDR NATURFILM in association with PBS, CPB, Vision Hawk Films, National Geographic Channels **RUNNING TIME** 51 mins
COUNTRY Austria **YEAR** 2020
AGE GUIDELINES University and General Public (17+)

Synopsis/There is a puma paradise at the end of the world – a stronghold for these magnificent cats, amidst the mountain wilderness of Patagonia in South America. Torres del Paine National Park in Chile provides everything for pumas to survive and thrive: plenty of space to roam the region, vast herds of guanacos to prey on, and no competition from other large predators. This documentary tells the amazing and dramatic story of a bloodline of pumas, from mother to daughter, and further on to the next generation. It is an intimate story, moving, sad, joyful – all set against some of the most spectacular landscapes in South America.



CORONA - THE PANDEMIC AND THE PANGOLIN

DIRECTOR TERRA MATER FACTUAL STUDIOS **PRODUCED BY** A TERRA MATER FACTUAL STUDIOS production **RUNNING TIME** 52 mins
COUNTRY Austria **YEAR** 2020
AGE GUIDELINES University and General Public (17+)

Synopsis/At a time when we are bombarded with COVID-19 information comes a moment of clarity – and a warning we cannot afford to ignore. Connect via Skype with conservation icon Jane Goodall, controversial marine activist Paul Watson and a cast of experts quarantined in home offices and living rooms around the world, to hear their perspectives on our worst nightmare come true. As accusations and blame are cast on the failures of governments; as talk of coverups and conspiracies multiply; we invite audiences to change focus. In this film we ask – who is really behind the pandemic? This is not just a story about today. There is nothing new about viruses that jump from animals to humans causing life threatening diseases, but the difference is, this one is affecting the world.





THE SCIENCE OF COOKING

DIRECTOR Jang Hooyoung **PRODUCED BY** EBS **RUNNING TIME** 50 mins
COUNTRY South Korea **YEAR** 2020 **AGE GUIDELINES** University and General Public (17+)

Synopsis /Cooking is actually a scientific phenomenon we come across in everyday life, which is hiding the deepest secrets of human evolution and nature. From 3-Michelin-starred chefs to eminent scientists, world-class culinary figures reveal untold secrets of cooking. The film is one of the most educational culinary programs you'll have ever watched and one of the most entertaining science programs as well!



EAT, GROW, LOVE

DIRECTOR Þórður Jónsson & Heather Millard **PRODUCED BY** Compass Films **RUNNING TIME** 53 mins **COUNTRY** Iceland **YEAR** 2018
AGE GUIDELINES University and General Public (17+)

Synopsis /We often ask ourselves, how can I contribute to a more sustainable society? What's the best thing I can be doing? This documentary travels across the globe to find that permaculture could well hold some of the answers. Six individuals living in very different climates each prove that designing systems that use permaculture principles really can be a solution.



NATURE MADE TO MEASURE

DIRECTOR Kurt Langbein, Anna Katharina Wohlgenannt
PRODUCED BY Langbein & Partner Media **RUNNING TIME** 52 mins
COUNTRY Austria **YEAR** 2020
AGE GUIDELINES University and General Public (17+)

Synopsis /For the first time, the CRISPR-Cas9 gene scissors can be used to specifically modify the genome anywhere. The intervention leaves no traces. A revolution in plant breeding and medicine - but also a potential disaster for civilization, ethics and nature. The starting point was research on scarlet fever bacteria by microbiologist Emanuelle Charpentier in Vienna. She discovered how these bacteria defend themselves against viruses with the help of a gene modification. Humans can now use this mechanism for therapeutic purposes. But isn't this also interfering with creation? In their film, Kurt Langbein and Anna Katharina Wohlgenannt examine the risks of CRISPR-Cas9 - and the possibilities that arise when scientists alter the building blocks of life.



SEAFEVER

DIRECTOR Lisa Hoffmann **PRODUCED BY** Lisa Hoffmann, supported by the production grant of the Muthesius Academy Kiel

RUNNING TIME 58 mins **COUNTRY** Germany **YEAR** 2021

AGE GUIDELINES University and General Public (17+)

Synopsis /What draws humans to the sea? How can the connection with the sea and its meaning be described for those who choose to live with and on the sea? How does it affect their lives, their families and personal interactions and what challenges does this intense bond with the sea cause for social life? The film is the last work of the project Meersucht (Sea Addiction), which deals with those who have dedicated their lives to the sea and their intense connection with it. The artist Lisa Hoffmann went to sea for several years as a cadet, sailor and technical officer's assistant on merchant and search and rescue vessels. The conversations originate from this time. Through her own work and relationship with the sea, and participant observation on board various vessels, she gained profound insights into life on and with the sea. These experiences formed the guiding, central questions of this film.



HIKIKOMORI: THE LOCKED GENERATION

DIRECTOR Michaëlle Gagnet **PRODUCED BY** Magneto Presse

RUNNING TIME 69 mins **COUNTRY** France **YEAR** 2020

AGE GUIDELINES University and General Public (17+)

Synopsis /Hikikomoris never leave their room, choosing to lock themselves away for months, even years, on end. We have just experienced a mandatory lockdown, confining us all in our homes; hikikomoris actively choose their reclusive way of life. In Japan, where the phenomenon began in the nineties, the word hikikomori means 'shut yourself away'. The trend was put down to the economic crisis and academic pressure. Now, it has spread to the West, and France counts tens of thousands of cases where adolescents and young adults, mainly boys, disillusioned with an oppressive daily routine, have withdrawn from society. Is it simply an indicator of the stress of modern life? Or is it symptomatic of a deeper mental illness? This film follows the work of Marie-Jeanne Guedj, psychiatrist at Sainte-Anne hospital, who was one of the first to investigate this growing tendency.



MICROBIOTA - THE AMAZING POWERS OF THE GUTS

DIRECTOR Sylvie Gilman and Thierry de Lestrade **PRODUCED BY** YUZU Productions, ARTE France, INRA **RUNNING TIME** 60 mins **COUNTRY** France **YEAR** 2019

AGE GUIDELINES University and General Public (17+)

Synopsis /Hidden deep in our intestines, 100,000 billion bacteria are keeping us healthy by producing a range of molecules. Although their names may be perplexing – Fecali bacterium, Roseburia, Akkermansia mucinifila, Eubacterium halli... – and they are invisible to the naked eye, they could revolutionize the future of medicine. That is, if our modern lifestyle doesn't wipe them out first.



LOST IN FACE

DIRECTOR Valentin Riedl **PRODUCED BY** CORSO Film, mit Förderung von BKM, NRW Filmstiftung, FFF Bayern **RUNNING TIME** 81 mins
COUNTRY Germany **YEAR** 2020
AGE GUIDELINES University and General Public (17+)

Synopsis/Carlotta can't recognize faces, not even her own. For her, human faces are not places of trust, but gray bastions that frighten and confuse. Like 1% of all people, the very region of her brain that actually processes faces is blind. In his film, neuroscientist Valentin Riedl wanders through Carlotta's spheres full of anthropomorphic animals, lucid dreams and bumpy aberrations. He gradually reveals her idiosyncratically charming solutions with which Carlotta repeatedly tries to swim along in the current of human conformity, until one day she decides to leave the world of humans with a self-built ship. On her restless search, she finally finds access to her own face in art and feels her way back to her fellow human beings.



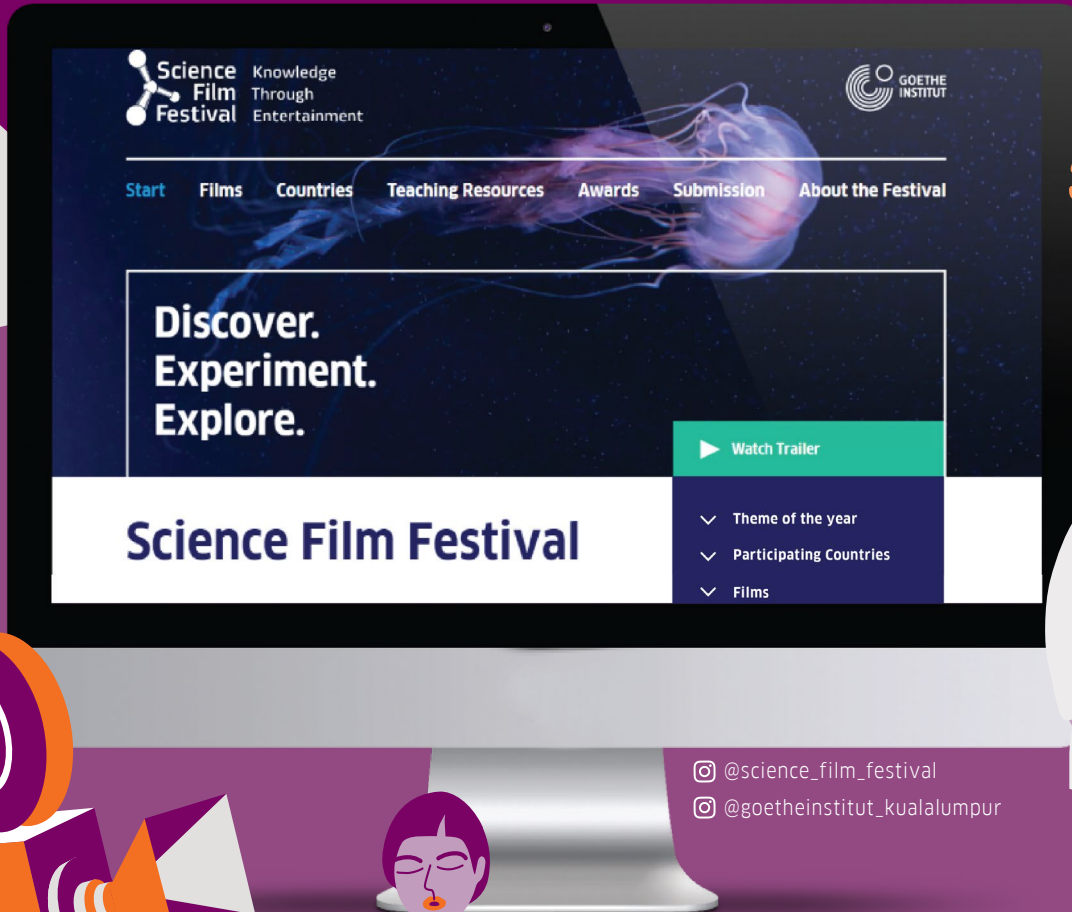
JIM ALLISON: BREAKTHROUGH

DIRECTOR Bill Haney **PRODUCED BY** Bill Haney, Jennifer Pearce
RUNNING TIME 91 mins **COUNTRY** United States **YEAR** 2019
AGE GUIDELINES University and General Public (17+)

Synopsis/Jim Allison: Breakthrough is the astounding, true story of one warm-hearted, stubborn man's visionary quest to find a cure for cancer. Today, Jim Allison is a name to be reckoned with throughout the scientific world – a 2018 Nobel Prize winner for discovering the immune system's role in defeating cancer – but for decades he waged a lonely struggle against the skepticism of the medical establishment and the resistance of Big Pharma. Breakthrough takes us into the inspiring and dramatic world of cutting-edge medicine, and into the heart of a true pioneer of science, in a film that is both emotionally compelling and deeply entertaining.



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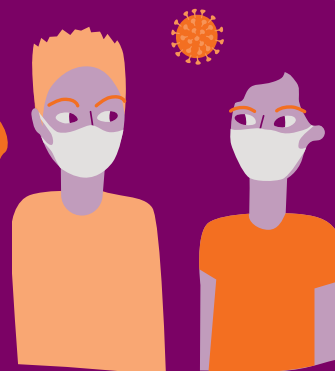
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FESTIVAL IMPRESSIONS 2020

In Malaysia, the Science Film Festival 2020 was organized by the Goethe-Institut Malaysia in cooperation with the Ministry of Education, the Malaysian Nature Society, the Association of Science, Technology and Innovation, the German Malaysian Institute, Ecocentric Transitions and SCVenture.

The festival was officially virtually opened on the 1st October on Facebook and Instagram with the film Nine-and-a-half: Your Reporter. Corona, Flu and Co. - The Long Journey of a Virus with more than 3000 replays. The 10th anniversary of the Science Film Festival was celebrated with a virtual quiz competition based on different SFF films for primary, secondary and international school pupils as well as two essay and one video competition for different age groups addressing the SDGs. Throughout the three festival months, 12 SDG online dialogue sessions were published every Friday on Facebook. Each session focused on a different SDG and engaged researchers and specialists from Malaysia.

From 1st of October until 20th of December 2020 the festival films were accessible for streaming on Vimeo, which also offered matching teaching materials and reached more than 5000 viewers in Malaysia.



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Geng Jari Hijau is an agriculture program designed to grow vegetables, make organic fertilizers and understand ecological systems. This program also encourages young people to eat more veggies and sell their harvest.

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In the last 15 years, Malaysia has lost around 60,000 species of life forms a year as a result of natural areas being cleared to make way for unsustainable development.

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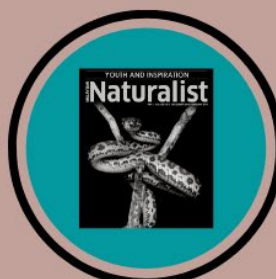
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