



The Academy of Science of South Africa (ASSAf)



National Science Week 2022

Theme | Celebrating the role of basic sciences in the modern world

The NSW 2022 will be launched on Saturday, 30 July 2022 and will run from 01 - 06 August 2022. Keeping up with the practice of recognising the United Nations (UN) international observances, the NSW 2022 will incorporate activities to celebrate the UN's International Year of Basic Sciences 2022.

National Science Week (NSW) is an annual event aiming to exhibit and communicate awareness in science. It is an initiative of the Department of Science and Innovation (DSI), a countrywide celebration of science connecting various stakeholders and role players conducting science-based activities during the week, an annual celebration of the role and value of science and technology in people's daily lives.

The NSW was established in 2000 and has developed over years towards national coverage. As the coordinator, NRF-SAASTA is responsible for the national coordination of the NSW through deployment of resources, reports and overall bringing together of the project.

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Programme National Science Week 2022

DATE	TIME	VENUE	NAME OF THE ACTIVITY	ABOUT THIS SESSION	ONLINE LINK
01/08/2022 (Monday)	09:00 - 11:00	Sisizakele Special School Ingwavuma KwaZulu-Natal	Numbers in the last 5,000 years and numbers in your lives	The AIMSSEC session for the National Science Week will take learners on a journey through 5000 years of discoveries and the sharing of new number knowledge. Learners will think about their own learning journeys in which they have learned mathematics. They will compare their own learning journeys to the long journey that has been made by the human race.	Zoom link: https://assaf-org-za.zoom.us/j/94122636767 Zoom registration link: https://assaf-org-za.zoom.us/meeting/register/tJAsdeuurT0tHNMknNAdiB6kQokih6pLh-H7 ASSAf YouTube: https://www.youtube.com/c/AcademyofScienceofSouthAfrica



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DATE	TIME	VENUE	NAME OF THE ACTIVITY	ABOUT THIS SESSION	ONLINE LINK
01/08/2022 (Monday)	11:30 -13:30	Sisizakele Special School Ingwavuma KwaZulu- Natal	Access to Water and Sanitation Services: Floods and Droughts linked to Climate Change	The Sustainable Development Goals set by the United Nations is a bid to end poverty along with creating economic growth and addressing a range of social needs including education, health, social protection, climate change etc. There are 17 goals that have been identified to transform our world. Goal six is clean water and sanitation. A major challenge to achieving this goal is that flood disasters are increasing in occurrence globally due to human and environmental factors. Recently Durban and surrounding regions in KwaZulu-Natal have experienced catastrophic flooding that resulted in the loss of life, property and damage to crucial infrastructure. The irony is that after the torrential rainfall many are now without access to water due to the damage to already ageing infrastructure. In many areas residents had no access to water for several weeks. Restriction to water is becoming the norm and water-shedding has been drafted and implemented in hard hit regions. How does this impact the learners in the province and what is their view on the disaster, the challenges being faced and the possible solutions?	Zoom link: https://assaf-org-za.zoom.us/j/98076062733 Zoom registration link: https://assaf-org-za.zoom.us/meeting/register/tJwtcO-oqDktGdeWwP5OKXhG4zBoooD0-zX9 ASSAf YouTube: https://www.youtube.com/c/AcademyofScienceofSouthAfrica



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DATE	TIME	VENUE	NAME OF THE ACTIVITY	ABOUT THIS SESSION	ONLINE LINK
02/08/2022 (Tuesday)	09:00-11:00	Sisizakele Special School Ingwavuma KwaZulu-Natal	Digital Wellness	Technology offers learners a world of opportunities, many of which are beneficial. Learners can access information at the touch of a finger. They can also find ways to supplement learning and explore their interests. However, these benefits come with psychological, emotional, and even physical dangers. Cyberbullying is one of many digital dangers. It can cause anxiety, depression and other stress-related disorders in victims and bullies. In some cases this can lead to suicidal thoughts or suicide. In order to make sure learners develop healthy digital habits and know how to deal with emotional aspects resulting from negative online experiences, it's important to teach learners how to remain healthy as far as technology concerns and what to do or where to find help when exposed to these. Whether this is at home, school or one day as adults in the workplace.	Zoom link: https://assaf-org-za.zoom.us/j/95182162962 Zoom Registration Link: https://assaf-org-za.zoom.us/meeting/register/tJEsf-upqDkjHNZX6DeIYSXC-U4DERFQmuM6c ASSAf YouTube: https://www.youtube.com/c/AcademyofScienceofSouthAfrica



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02/08/2022 (Tuesday)	11:30-13:30	Sisizakele Special School Ingwavuma KwaZulu-Natal	Building Resilience in Learners: The 7Cs Workshop	Children, particularly children with special needs encounter a range of stressors and anxieties including the areas of study, body images, emotional wellbeing, family relationships and peer relations. These challenges may hinder progression towards quality education and positive development. Empowering children through resilience building becomes critical. The term 'resilience' has been widely adopted to signify the capacity to cope, learn and thrive in the face of change, challenge, uncertainty, or adversity. The 7Cs workshop will be both educational and in the form of play activities. The workshop will be facilitated by an Educational Psychologist and Social Workers.	Zoom Link: https://assaf-org-za.zoom.us/j/93271325472 Zoom Registration Link: https://assaf-org-za.zoom.us/meeting/register/tJcvcOirrD4uHdZUMvuA8S73xaRkoXRgbFvE ASSAf YouTube: https://www.youtube.com/c/AcademyofScienceofSouthAfrica



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DATE	TIME	VENUE	NAME OF THE ACTIVITY	ABOUT THIS SESSION	ONLINE LINK
2/8/2022 (Tuesday)	11:00 – 12:00	Online/Zoom	In Conversation With: The role of OWSD SA NC: Shaping the future - gender equality and equity	<p>This online session will comprise of a dialogue between Prof Himla Soodyall (ASSAf EO) and Dr C Pule Dr Caroline Pule (University of Cape Town and OWSD SA NC with young women scientists).</p> <p>The vision of the OWSD SA NC is to shape the future of South Africa by contributing to conversations and actions that advance gender equality and equity, with a specific emphasis on the contributions, aspirations, needs and abilities of women in science, technology and innovation. OWSD SA NC strives to increase the participation of girls and women in STI research, teaching, learning, and leadership; promote the recognition of STI achievements by women; promote collaboration and communication among women in STI; promote the development of women in STI; and increase the understanding of the role of STI in supporting women's lives and livelihoods.</p>	<p>Zoom registration link: https://assaf-org-za.zoom.us/j/9461292022</p> <p>ASSAf facebook: https://www.facebook.com/academyofsa</p>



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DATE	TIME	VENUE	NAME OF THE ACTIVITY	ABOUT THIS SESSION	ONLINE LINK
03/08/2022 (Wednesday)	09:00 - 11:00	Mandla Mthethwa School of Excellence Ndumo KwaZulu-Natal	Digital Wellness	Technology offers learners a world of opportunities, many of which are beneficial. Learners can access information at the touch of a finger. They can also find ways to supplement learning and explore their interests. However, these benefits come with psychological, emotional, and even physical dangers. Cyberbullying is one of many digital dangers. It can cause anxiety, depression and other stress-related disorders in victims and bullies. In some cases this can lead to suicidal thoughts or suicide. In order to make sure learners develop healthy digital habits and know how to deal with emotional aspects resulting from negative online experiences, it's important to teach learners how to remain healthy as far as technology concerns and what to do or where to find help when exposed to these. Whether this is at home, school or one day as adults in the workplace.	Zoom link: https://assraf-org-za.zoom.us/j/95553363496 Zoom registration link: https://assaf-org-za.zoom.us/meeting/register/tJEocuqrqDguE9JH7Gv8MD7fl4W4BXQrdCWe ASSAf YouTube: https://www.youtube.com/c/AcademyofScienceofSouthAfrica



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DATE	TIME	VENUE	NAME OF THE ACTIVITY	ABOUT THIS SESSION	ONLINE LINK
04/08/2022 (Thursday)	09:00 - 11:00	Mandla Mthethwa School of Excellence Ndumo KwaZulu-Natal	Numbers in the last 5,000 years and numbers in your lives	The AIMSSEC session for the National Science Week will take learners on a journey through 5000 years of discoveries and the sharing of new number knowledge. Learners will think about their own learning journeys in which they have learned mathematics. They will compare their own learning journeys to the long journey that has been made by the human race.	Zoom link: https://assaf-org-za.zoom.us/j/97757242479 Zoom Registration Link: https://assaf-org-za.zoom.us/meeting/register/tJMqcu6qajkuHd0gYWoEkXHTzwK1afxiqqA ASSAf YouTube: https://www.youtube.com/c/AcademyofScienceofSouthAfrica



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