

**Every child with Down syndrome
has a right to a rich and
meaningful life.**



WHAT IS DOWN SYNDROME?

Persons with Down syndrome have an extra copy of chromosome 21.

The extra chromosome alters their course of development.



WHAT CAUSES DOWN SYNDROME?

It is currently unknown on what causes the presence of the extra chromosome 21.

But what we do know is that Down syndrome is a naturally occurring chromosomal arrangement.



TYPES OF DOWN SYNDROME

1. Trisomy 21

There's an extra copy of chromosome 21 in every cell.

Most common form of Down syndrome -



Typical
chromosome 21

95%



Trisomy 21

2. Mosaicism

Mixture of two types of cells, some with 46 chromosomes and some with 47 chromosomes.

May have fewer characteristics of Down syndrome.

3. Translocation

There are three chromosome 21 but one of the chromosome 21 is attached to another chromosome.



HOW DOES DOWN SYNDROME ALTERS THEIR COURSE OF DEVELOPMENT

LEARNING ABILITIES

Persons with Down syndrome experience developmental delays and have mild to moderate impairments.

With appropriate support, they can lead a fulfilling life.

HEALTH CONCERNS

Persons with Down syndrome have increased risks of certain medical conditions



Congenital heart defects



Early onset of dementia



Hearing loss



Hypothyroidism



Obesity

PHYSICAL FEATURES



Almond-shaped eyes



Small ears



Low nasal bridge



Palmar crease



Smaller feet

FOUNDED OUT OF LOVE

Down Syndrome Association (Singapore) or known as DSA, was borne out of love and devotion by a group of parents of children with Down syndrome. The Association was established in September 1996 and aims to support and educate families, professionals and the general public about the genetic condition.

PRIMARILY SELF-FUNDING, NON-PROFIT ORGANISATION

We work closely with health and educational professionals and other Voluntary Welfare Organisations in support of persons with Down syndrome. We are officially recognised by the National Council of Social Service (NCSS) and is registered as a charity organisation with the Commissioner Of Charities, Singapore.





OUR VISION

To be the centre of excellence for individuals with Down syndrome, their families and the community.

OUR MISSION

Develop individuals with Down syndrome through lifelong learning and social integration.

Support families through specialist services, information and education.

Advocacy for equal opportunities, quality of life and their contribution to society.

DSA SUPPORTS THROUGH



Early Start Program



Integration Facilitation
Support Program



Adult Enhancement Program



Independent Living and
Training Centre



Enrichment Programs



Family Support Services



JOIN US ON OUR JOURNEY



Advocate for Down syndrome

Lend us your voice and help to raise awareness for Down syndrome



Start a Fundraiser

Engage your personal and professional network



Volunteer with us

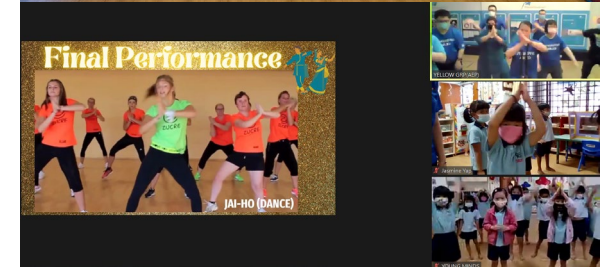
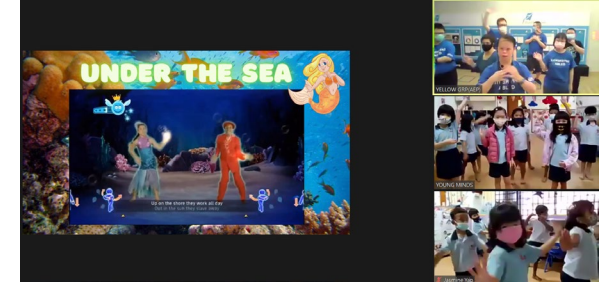
- Regular
- Episodic
- Projects-based



SSDB 2019-2022

As part of SSDB Campaign, educators and children come together to organise, plan and coordinate many interactive and creative activities for our beneficiaries to foster better mutual understanding.

We work with the preschool partners to hold sharing and awareness talks and give them a better understanding of the Down syndrome community and the challenges they face.



PAST SSDB Projects

Sharing Our Similarities, Celebrate Our Differences organised by Spring Brainy Kidz @ Potong Pasir

Spring Brainy Kidz @ Potong Pasir went all out for their SSDB campaign in 2022. Starting with the awareness talk and virtual tour of DSA premises, they went on to have regular Zumba sessions with our beneficiaries, created learning resources for both programmes under our Children Education Services, and wrapped up with a highly successful fundraising event.



**DSA
X
Spring Brainy Kidz
@ Potong Pasir**

PAST SSDB Projects

PCF Sparkletots @ Brickland Blk 489B

The collaboration with PCF Sparkletots @ Brickland was one of its kind. Teachers, students and their parents of the Centre spent a Saturday morning painting cardboard furniture for our Infant Toddler Programme. The results? Vibrantly coloured slides and playhouse that our children absolutely loved!



**DSA X PCF Sparkletots
@ Brickland Blk 489B**



PAST SSDB Projects

Sunflower Preschool @ Nee Soon East

The students from Sunflower Preschool and the adult learners from our Adult Enhancement Programme co-decorated a heart-shaped board, which was presented to healthcare workers at Nee Soon East CC Vaccination Centre to show their appreciation for their hard work throughout the pandemic.

On top of the heartwarming collaborative piece, the two groups of learners also exchanged handwritten messages and lovely drawings for each other.



DSA X Sunflower Preschool ***Nee Soon East***





**With your support,
we can move
towards public
awareness & a more
inclusive society**



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To donate, please go to: <https://www.giving.sg/downsyndrome-association/wdsd2023>



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