

#Speak4Dyslexia: The National Education Policy Way



National Education
Policy 2020 Mandate:



“The Policy recognizes the importance of creating enabling mechanisms for providing Children with Special Needs (CWSN) or Divyang, the same opportunities of obtaining quality education as any other child.

Children with disabilities will be enabled to fully participate in the regular schooling process from the Foundational Stage to higher education.

The Rights of Persons with Disabilities (RPWD) Act 2016 defines inclusive education as a "system of education wherein students with and without disabilities learn together and the system of teaching and learning is suitably adapted to meet the learning needs of different types of students with disabilities”.

This Policy is in complete consonance with the provisions of the RPWD Act 2016 and endorses all its recommendations.”

Identification and Screening



See beyond their poor academic performance and connect the dots. Identify learning disabilities early to power how they are taught.



Benjamin Franklin's Dyslexic scientific genius gave us bifocal spectacles in 1785. With a clear vision for innovation, he was responsible for numerous inventions-including the lightning rod, catheter, and Franklin stove. Franklin even developed a new phonetic system for spelling English, which went on to inspire how we spell today!



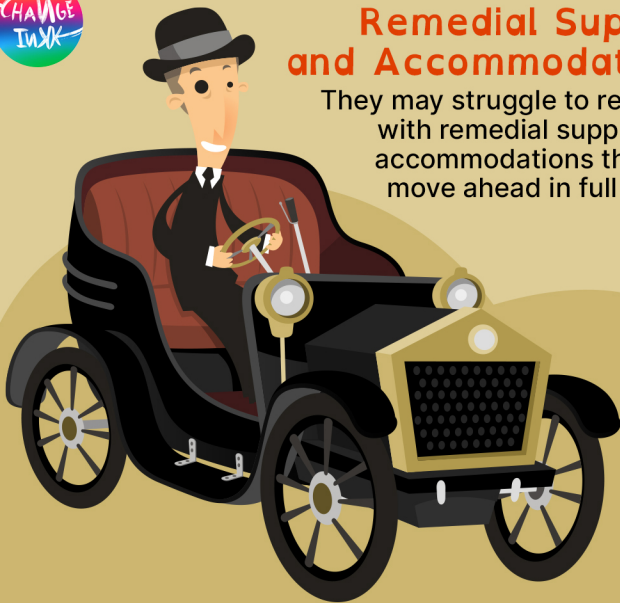
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Most classrooms have children with specific learning disabilities who need continuous support. Research is clear that the earlier such support begins, the better the chances of progress. Teachers must be helped to identify such learning disabilities early and plan specifically for their mitigation.

(NEP 2020, Clause 6.13)



Remedial Support and Accommodations

They may struggle to read, but
with remedial support and
accommodations they can
move ahead in full speed!



Powered by Dyslexia, Henry Ford, the American industrialist and business magnate, created the T-Mobile, the world's first assembly line car. With this innovation, he enabled middle-class Americans to afford automobiles, profoundly impacting the landscape of the 20th century.



There is an urgent need for additional special educators for certain areas of school education. Some examples of such specialist requirements include subject teaching for children with disabilities/Divyang children at the Middle and Secondary school level, including teaching for specific learning disabilities. Such teachers would require not only subject-teaching knowledge and understanding of subject-related aims of education, but also the relevant skills for understanding of special requirements of children. Therefore, such areas could be developed as secondary specializations for subject teachers or generalist teachers, during or after pre-service teacher preparation.

(NEP 2020, Clause 5.21)

One-on-one teachers and tutors, peer tutoring, open schooling, appropriate infrastructure, and suitable technological interventions to ensure access can be particularly effective for certain children with disabilities.

(NEP 2020, Clause 6.5)

Schools/school complexes will be provided resources for the integration of children with disabilities, recruitment of special educators with cross-disability training, and for the establishment of resource centres, wherever needed, especially for children with severe or multiple disabilities.

(NEP 2020, Clause 6.11)

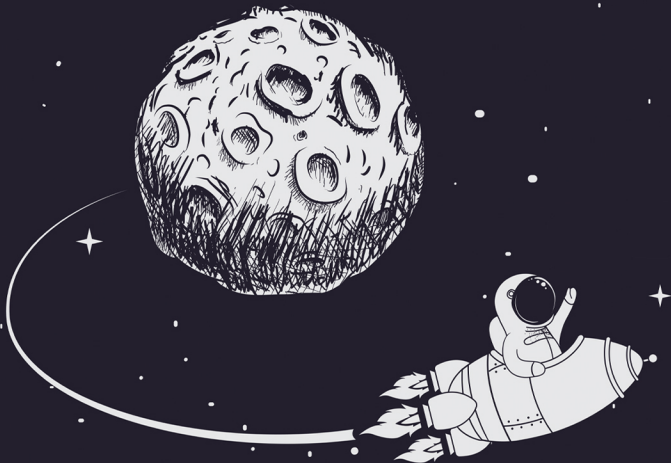
Different categories of children with disabilities have differing needs. Schools and school complexes will work and be supported for providing all children with disabilities accommodations and support mechanisms tailored to suit their needs and to ensure their full participation and inclusion in the classroom.

(NEP 2020, Clause 6.11)



Inclusive Teaching Strategies

Fire up their imaginations with Universal Design for Learning and multisensory-based teaching, and watch learning outcomes rocket.



Over 50% of employees at NASA are Dyslexic- they are valued for their exceptional creativity and problem-solving skills.



In all stages, experiential learning will be adopted, including hands-on learning, arts-integrated and sports-integrated education, story-telling-based pedagogy, among others, as standard pedagogy within each subject, and with explorations of relations among different subjects.

(NEP 2020, Clause 4.6)

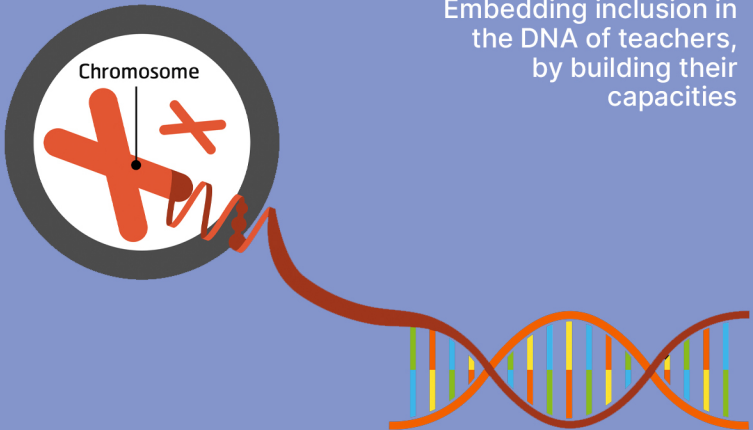
Adequate and language-appropriate teaching-learning materials (e.g., textbooks in accessible formats such as large print and Braille) will be made available to help children with disabilities integrate more easily into classrooms and engage with teachers and their peers. This will apply to all school activities including arts, sports, and vocational education.

(NEP 2020, Clause 6.11)



Capacity-building for Teachers

Embedding inclusion in
the DNA of teachers,
by building their
capacities



Dyslexic scientist, Dr. Carol Greider, won a Nobel Prize for her life-saving research on chromosomes that has driven us closer to curing cancer. Who says Dyslexic people cannot be brilliant teachers? Certainly not Dr. Greider! She says "I'm a professor at Johns Hopkins (University). Just because you're dyslexic, doesn't mean you can't do anything you want to do."



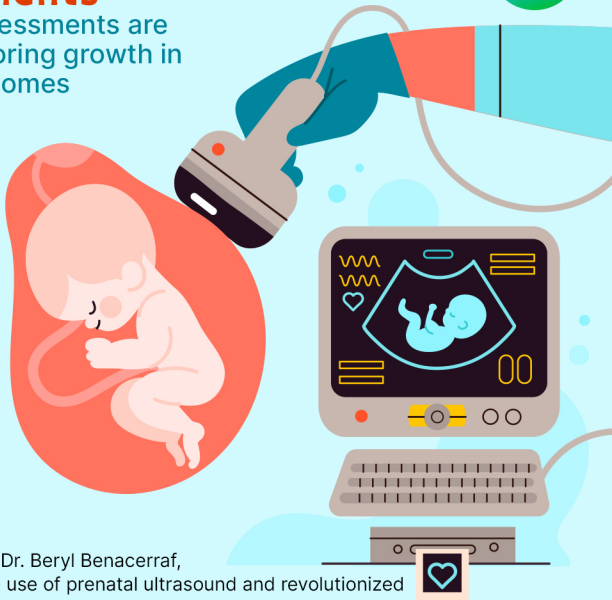
The awareness and knowledge of how to teach children with specific disabilities (including learning disabilities) will be an integral part of all teacher education programmes.
(NEP 2020, Clause 6.14)

All B.Ed. programmes will include training in time-tested as well as the most recent techniques in pedagogy, including pedagogy with respect to.... teaching children with disabilities.
(NEP 2020, Clause 5.24)

Shorter post-B.Ed. certification courses will also be made widely available, at multidisciplinary colleges and universities, to teachers who may wish to move into more specialized areas of teaching, such as the teaching of students with disabilities.
(NEP 2020, Clause 5.26)

Inclusive Assessments

Inclusive assessments are key to monitoring growth in learning outcomes



Did you know that Dr. Beryl Benacerraf, who pioneered the use of prenatal ultrasound and revolutionized the assessment of fetal abnormalities like Down syndrome, is a proud dyslexic? Her uncanny visual sense has saved millions of lives around the world.



Assessment and certification agencies, including the proposed new National Assessment Centre, PARAKH, will formulate guidelines and recommend appropriate tools for conducting such assessment, from the foundational stage to higher education (including for entrance exams), in order to ensure equitable access and opportunities for all students with learning disabilities.

(NEP 2020, Clause 6.13)



Leveraging Technology

Technology helps unlocks the success of learners who “think different”



Without Steve Jobs' Dyslexic mind, the “Apple” would just be a fruit!



• The NEP recommends extensive use of technology in teaching and learning, removing language barriers, increasing access for Divyang students, and educational planning and management; Assistive devices and appropriate technology-based tools... will be made available to help children with disabilities integrate more easily into classrooms and engage with teachers and their peers.

(NEP 2020, Clause 6.11)

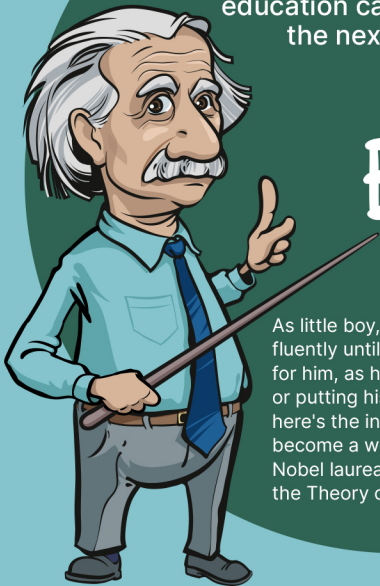
• While it is clear that the education of all children with disabilities is the responsibility of the State, technology-based solutions will be used for the orientation of parents/caregivers along with wide-scale dissemination of learning materials to enable parents/caregivers to actively support their children's learning needs will be accorded priority.

(NEP 2020, Clause 6.12)



Mainstreaming Inclusion in Higher Education

Inclusion of the Dyslexic mind in higher
education can help discover
the next Einstein!



$$E=mc^2$$

As little boy, Albert Einstein couldn't speak fluently until he turned 6. School was tough for him, as he struggled with reading aloud or putting his thoughts into writing. But here's the incredible part: he grew up to become a world-famous physicist and Nobel laureate! He is best known for the Theory of Relativity $E=MC^2$.



Chapter 14 of the NEP, mandates Equity and Inclusion in Higher Education

- Earmark suitable Government funds for the education of SEDGs
- Set clear targets for higher GER for SEDGs
- Provide more financial assistance and scholarships to SEDGs in both public and private HEIs
- Conduct outreach programmes on higher education opportunities and scholarships among SEDGs
- Develop and support technology tools for better participation and learning outcomes.
- Make admissions processes more inclusive
- Make curriculum more inclusive
- Increase employability potential of higher education programmes
- Ensure all buildings and facilities are wheelchair-accessible and disabled-friendly
- Provide socio-emotional and academic support and mentoring for all such students through suitable counselling and mentoring programmes

#Inclusion for Innovation



Sow the seeds of tinkering and curiosity to light up their minds.

Thomas Edison's teacher dismissed him as too foolish to be taught because of his challenges with reading and writing- unable to understand his learning disability. As a result, his mother was forced to pull him out of school. But she never stopped believing in him. After all, he had an insatiable thirst for knowledge. With her support, not only did he revolutionize the world with his invention of the light bulb, but he also holds patents for over 1,000 other remarkable creations!





- DYSLEXIC THINKING is responsible for most of the world's greatest scientific breakthroughs and innovations that have changed our world.
- 2X -that's how high the percentage of Dyslexic persons is in the fields of engineering, arts and entrepreneurship compared to the general population.
- Dyslexia is so common among students at the Massachusetts Institute of Technology (MIT) that it is informally called the "MIT syndrome".

#Inclusion4Innovation will power India's economic flight



India is poised to harness the unique skills and competencies of these future-ready trailblazers by embracing inclusion, bringing to life the Hon'ble Prime Minister's clarion call of **'Sabka Saath-Sabka Vikas, Sabka Vishwas-Sabka Prayaas'**.

Join us to #Speak4Dyslexia.



At Changelnkk Foundation, we strongly believe that for India to become a \$10 trillion economy, contributions of individuals with Specific Learning Disabilities are a must. After all, 40% of the world's self-made millionaires have a learning disability, like Dyslexia, and #DyslexicThinking has powered most innovations that have changed our world!

So, through innovative programs, advocacy and capacity-building initiatives, we are #ChangelnkkTheConversation, to actively build inclusive ecosystems that support them- from cradle to career. We engage closely with individuals, parents, educators, employers, policy makers, and civil society, to mainstreaming inclusion in schools, higher education and workplaces, where individuals with SLDs can thrive.

For more information about
Changelnkk and our initiatives,
visit www.changeinkk.org or
write to us: info@changeinkk.org.



changeinkk.org