

down syndrome education international

discovering potential • transforming lives



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Who we are

- A nonprofit organisation that **works around the world to improve early intervention and education** for young people with Down syndrome
- Based in the UK and the US with education and research centres in southern England and California
- We **help over 100,000 people in over 180 countries** every year



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How we improve outcomes

↓

Research
(knowing what helps)

↓

... provides the
evidence to inform ...


↓

Support
(doing what helps)


+

=

Improved outcomes



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What we do

Scientific research

↑

Early intervention and education that delivers better outcomes

Learning profile

↓

Teaching methods / interventions

Web sites and services

Books, journals, films

Teaching programs

Web seminars

Education conferences

Consulting and training

Outreach

Families

Nonprofits

Professionals

Policy makers

←

←

←

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Research

Our research has:

- Demonstrated that children with Down syndrome can learn to read (and are relatively good at it)
- Shown that early reading can improve speech and language and memory skills
- Found that memory training can improve short term memory function



Research

Our research has:

- Explored number development and visual/tactile number teaching approaches
- Explored sleep disturbance and effects on behaviour
- Shown that inclusive education improves speech and language and reading and writing skills, and behaviour



Research

Today, our research includes:

- A landmark randomised controlled trial of a classroom language and reading intervention
- A randomised controlled trial of a computer based memory training programme
- Studies of early language, reading, phonics, signing and the emergence of autism



Research

Today, our research includes:

Studies supported at Universities of Lancaster, Middlesex, Oxford, Reading, York:

- Attention and numeracy
- Sleep and development
- Early indicators of speech development
- Spoken language and reading
- Oral motor skills and speech



Research

Our planned research includes:

- A large-scale controlled trial of a structured, family-centred speech and language therapy programme
- A controlled trial of a problem-solving intervention designed to improve key cognitive skills in the early years
- A controlled trial of a speech, language and social communication programme for teenagers



Research

Our planned research includes:

- A study of the links between vocabulary and grammar development
- A trial of computer base memory training with teenagers
- A shared storybook language ('dialogic reading') intervention trial
- A controlled trial of a reading comprehension intervention





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Research

“The charity is now **central to the worldwide understanding and sharing of research** from many academics and longer-term experience of those working with generations of children with Down syndrome.”



New
Philanthropy
Capital

(New Philanthropy Capital, UK)

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Research

“The charity has had a **profound impact on the Down syndrome research and practice community for the past three decades**. It combines a scientifically grounded approach to educating individuals with Down syndrome with a passion for improving the life of each child.”



(Professor Deborah Fidler,
Colorado State University, USA)

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Research achievements

"Sue Buckley is one of the **foremost global experts on education for children with Down syndrome.**

Her pioneering work over more than 25 years has enabled thousands of children in the US, the UK and elsewhere to learn with their peers and receive the education they deserve."

(Jon Coleman, President,
National Down Syndrome Society, USA)



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Publishing

Our publishing activities include:

- Publishing books and films since 1986
- Sponsoring **leading scientific journal** dedicated to Down syndrome since 1992
- Serving **web sites** since 1996
- Now **over 30 books on education, early intervention and adult issues**
- **Films on baby development, preschool speech and language and inclusion,** and conference proceedings



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Publishing

Our publishing activities include:

- Early Support developmental journal for UK government
- *See and Learn* step-by-step teaching resources launched in 2008
- Developing 30+ steps in *See and Learn* programmes (language and reading, speech, numbers and memory development)



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Publishing

- Many of our **publications are available online free of charge**
- We operate **two online stores** – one shipping from the US, one shipping from the UK
- Our **publications have been translated into many languages**
- Our publishing activities **reach over 100,000 people in over 180 countries**



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Publishing

“Down Syndrome Education International is **one of the leading centres in the world in research and practice** about development, learning and communication in children and adults with Down syndrome for many years. **The charity is renowned for its publications and teaching.**”

Down Syndrome New South Wales, Australia



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Publishing

“I believe **the *Down Syndrome Issues and Information* books are the best of their kind.** They clearly explain past research and expert experience to provide parents a realistic picture of the challenges our children face while at the same time encouraging and giving us, our children and our communities the tools to achieve a better life.”

Parent, USA



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Training and consulting

Expert trainers and consultants offering a bespoke services to families, schools districts and nonprofits

- Wide selection of targeted training events
- Expert consulting on effective teaching techniques, early intervention, speech and language therapy, inclusion
- Individual assessment services
- Consulting services now available via web meetings and teleconferencing



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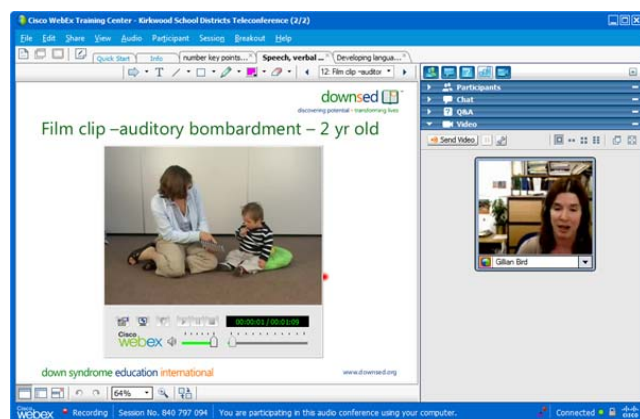


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Training and consulting

Web seminars and courses, and online advice sessions:

- Delivered via the Internet and (optionally) telephone
- Webinars and courses on early intervention, education, development and speech and language therapy
- Advice sessions – Q&A's on specific topics



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Training and consulting

Down Syndrome Education Conferences:

- A conference focused on development and education for children with Down syndrome from birth to 16 years
- Developed and presented by internationally-recognised researchers and practitioners
- Operated by Down Syndrome Education International/USA in partnership with local affiliates
- Common format, recognised brand



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Training and consulting

Down Syndrome Education Conferences:

- Age-specific tracks across one or two days
- One-day 'essentials' tracks – key information – particularly suitable for families
- Two-day 'in-depth' tracks – particularly suitable for education professionals
- Two day track for speech and language professionals



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Training and consulting

"Best conference I have been to in 9 years of education training."

Education Professional

"The conference was really very, very informative...**it was inspirational to realise how much we can do** with and for families who have children with Down syndrome."

Senior Educational Psychologist

"Really enjoyed the conference. I have never been to a conference that I have found so gripping. **The passion and commitment of the speakers has been inspirational.**"

Parent



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Training and consulting

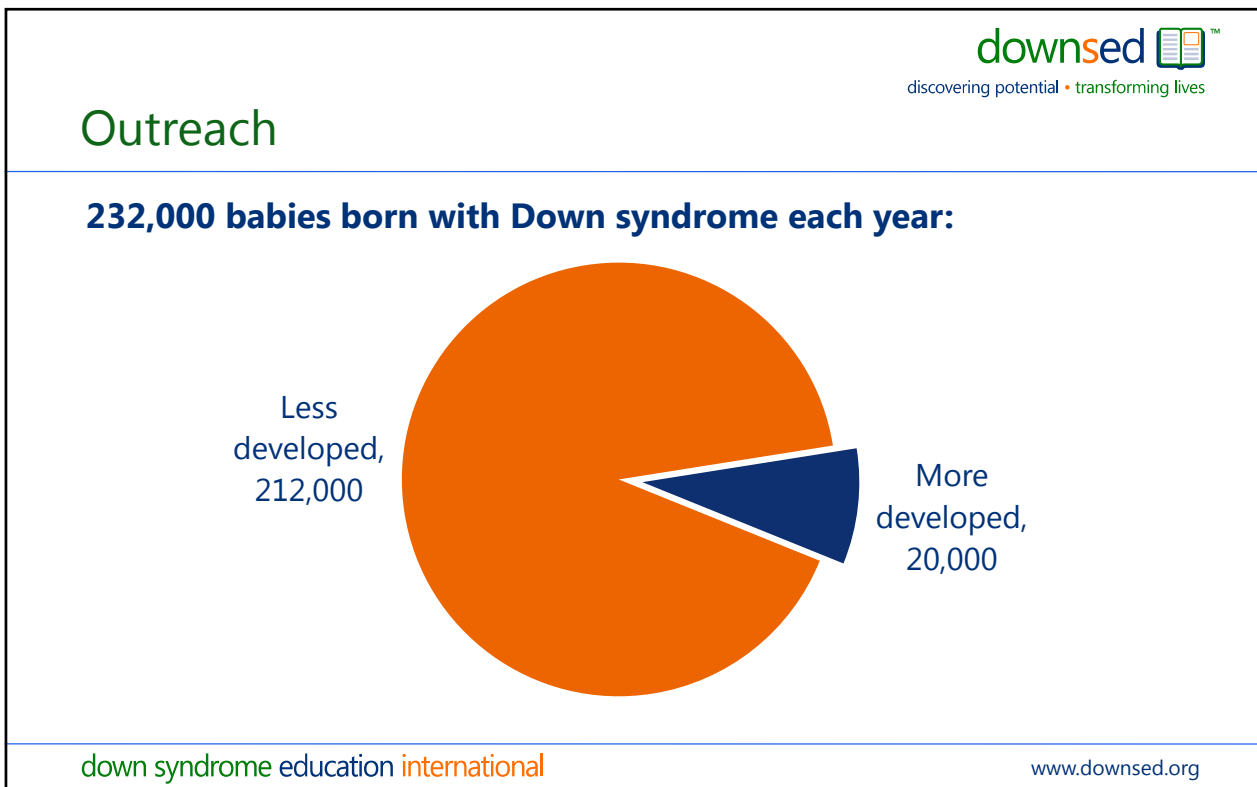
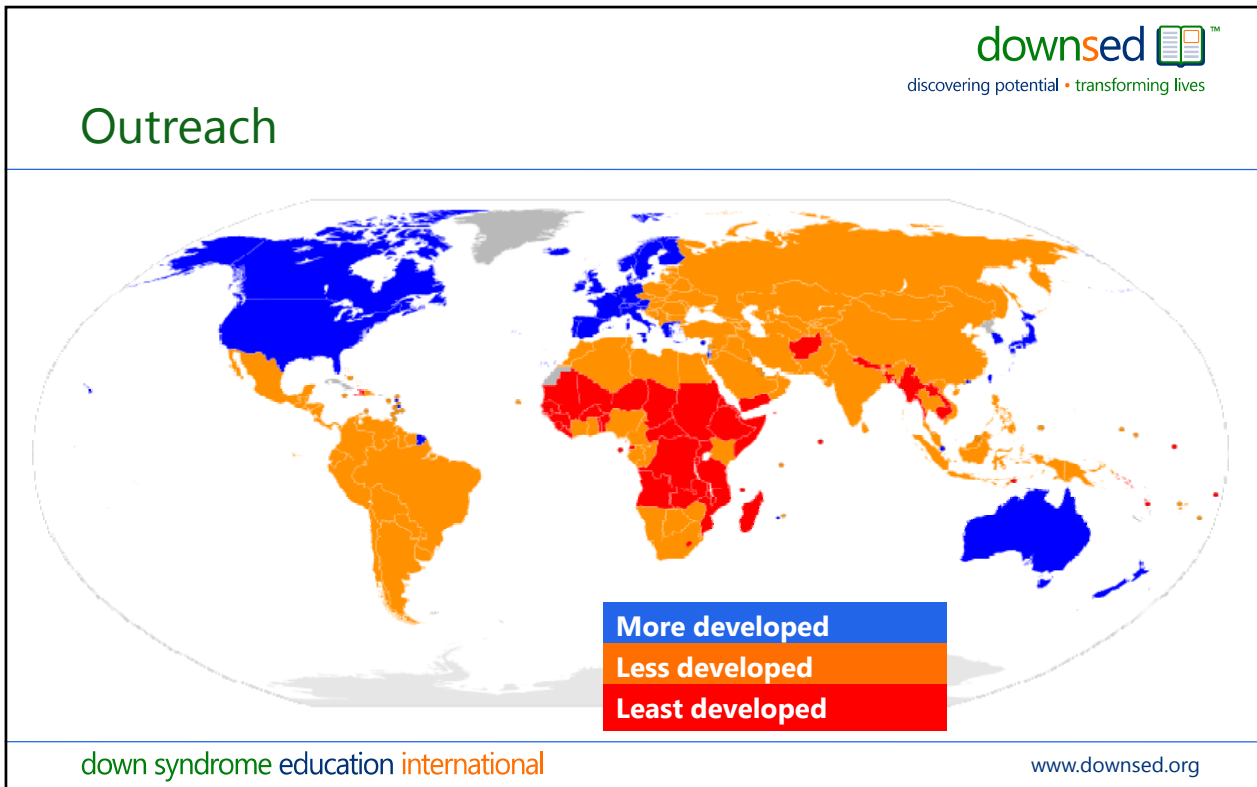
"Specific, practical, evidence-based advice to address particular learning issues, real-life examples, inspirational stories, intelligent use of videos/support material. **This is exactly what parents and professions are crying out for, and is exactly what you delivered in a highly professional way.** Everyone I spoke to during and after the event was universal in their praise."

Parent



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Outreach

Location	Mothers' age		Expected live birth rate		Estimated live births (after abortions)
	<30	>30	per 10000	ratio	
Less developed	69%	31%	18.0	1:555	212000
More developed	59%	41%	18.5	1:540	20000
World	72%	28%	18.2	1:551	232000
USA	60%	40%	18.7	1:535	6000
UK	52%	48%	21.5	1:465	800
North, South, West Europe	47%	53%	23.3	1:429	7100
Eastern Europe	72%	28%	13.9	1:717	4000
India	83%	17%	13.7	1:729	29000

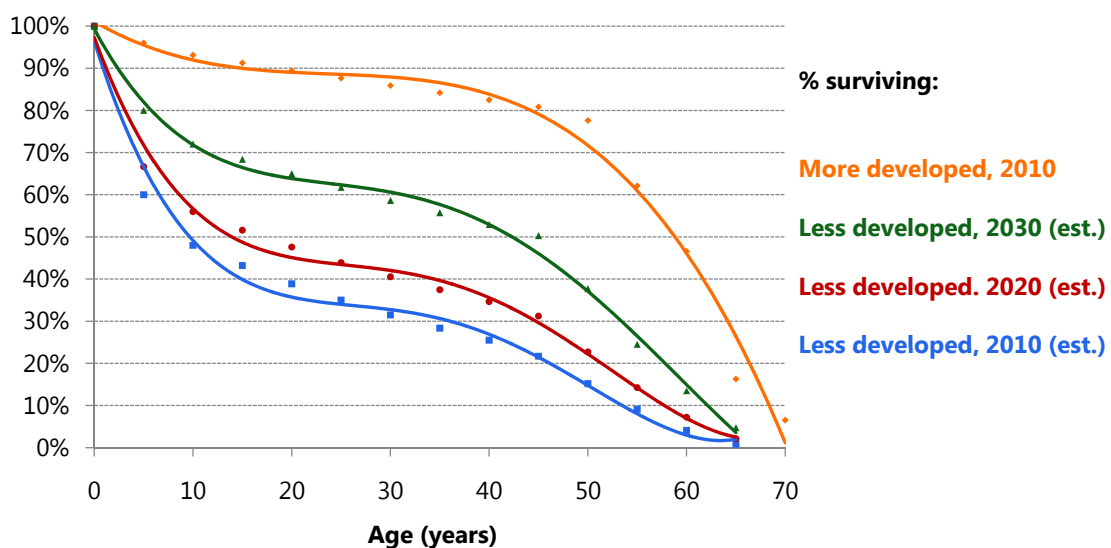
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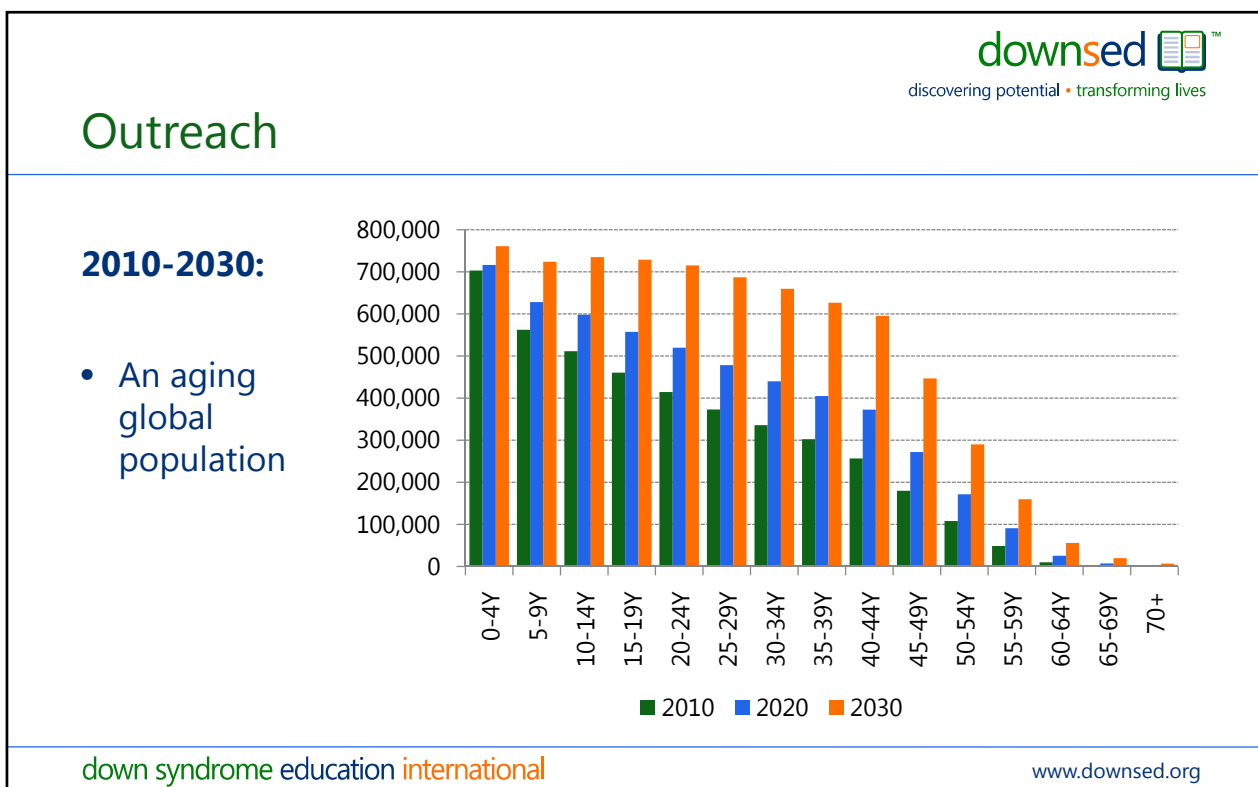
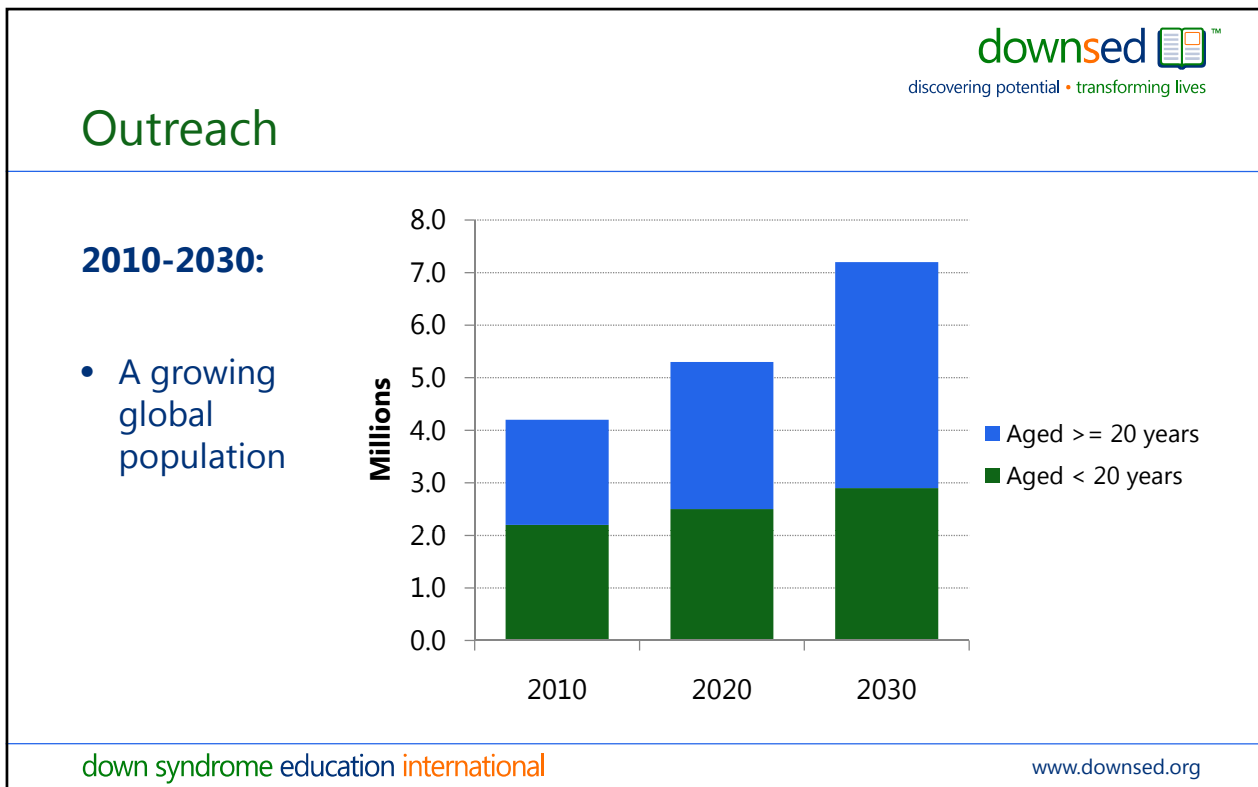
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Outreach

- Delivering **improvements in support and services for people with Down syndrome in low and middle income countries**
- **Partnership projects** with local groups
- Expert support **building local capacity** (that will last)
- **Information, training and consulting, impact monitoring and auditing**



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Всеукраїнська
благодійна організація
**ДАУН
СИНДРОМ**



EDB


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Outreach

Ukraine Down Syndrome Project:

- Worth ~€0.8 million in support and funding to Ukrainian association over three years
- Corporate Social Responsibility initiative (Nordic IT company: EDB)
- Training staff to develop model service
- Information resources translation and dissemination
- Building organisation's capacity



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Outreach

  
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Ukraine Down Syndrome Project:

- Established and renovated family centre and offices in Kyiv
- Employing Executive Director, Services Director, teachers and speech and language therapist
- Training and supporting staff to develop model family support, early intervention and education services


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Outreach

  
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Ukraine Down Syndrome Project:

- Hosted conference for families, educators, care staff in orphanages (200+ from across Ukraine)
- Developed new web site
- Developing, adapting and translating medical guidelines
- Translating developmental and educational information and teaching resources
- Campaigning and awareness




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Outreach



Ukraine Down Syndrome Project:

- Supporting children in orphanages
- Advising Ukrainian government and agencies
- Partnering with other NGOs active in early childhood services, education, inclusion, disability



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Keep in touch



- **DownEd International web site:** <http://www.downsed.org/>
- **Down Syndrome Online:** <http://www.down-syndrome.org/>
- **See and Learn:** <http://www.seeandlearn.org/>
- **UK online store:** <http://shop.downsed.com/>
- **Email:** enquiries@downsed.org
- **News:** <http://blogs.downsed.org/downsed>
- **Twitter:** <http://twitter.com/downsed>
- **Sign up for email news:** <http://blogs.downsed.org/email>

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