

SENSORY EQUIPMENT





WE ARE HERE TO *HELP* YOU



In this leaflet you will find information on the sensory equipment packages we provide funding towards, and how they can be used.

All items should be used under adult supervision.

MULTI-SENSORY EQUIPMENT

Sensory Centre

- * A sensory unit with three sensory items including a bubble tube, fibre optics and integrated UV light.
- * The items are activated by pressing their own colourful switches.
- * Three jack sockets allow you to use your favourite switch.
- * Three acrylic mirrors enhance the sensory effects.
- * The black carpet is tactile and warm to the touch.
- * Linelite UV tubing and UV coloured shapes are provided to use with the integrated UV light.
- * An industrial bubble tube pump is included, this enables users to empty their bubble tube with ease.

Size: L380mm x W1000mm x H770mm.



Dark Den

- * A large, sturdy black out tent.
- * Consists of 12 poles and 8 connectors.
- * An invaluable piece of equipment for children who can become overwhelmed.

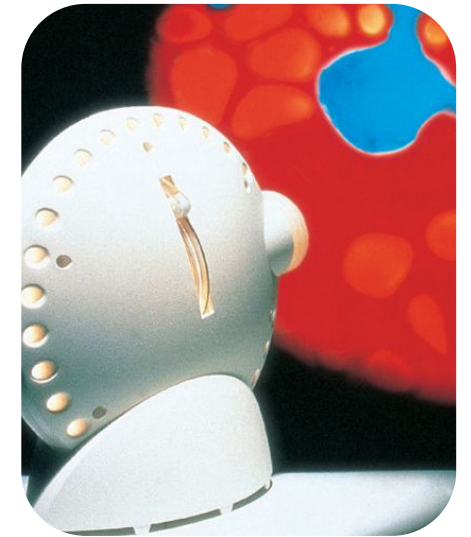
Size: H1000mm x W1000mm x D1000mm



Space Projector

- * The space projector rotates coloured oils to produce moving patterns.
- * The image can be directed onto ceilings and walls.
- * A powerful visual effect for tracking and colour work.

Spare lamp available from Spacecraft (part no: 35113).



MULTI-SENSORY EQUIPMENT

What the pack supports with:

- * Providing a safe space for your child to regulate their emotions. The dark den can reduce sensory stimuli.
- * Visual stimulation and tracking movements. The bubble tube and projector help with visual development and focus.
- * Self-regulation. The bubble tube is captivating and may encourage your child to focus and regulate their breathing.
- * Decrease anxiety and soothe. The 'white noise' sound of the centre and calming colour changes can have a soothing effect.
- * Self-led exploration. Encourage your child to explore without time pressure.

Things to try and why?

- * Involve your child in setting up the dark den and add some of their favourite items.
- * Include the dark den in bed-time routines. For example, 5-10 minutes in the den to calm before bed, this helps to aid sleep and teach independent self-regulation.

- * Use the equipment to aid communication and social skills. For example, use the bubble tube as a focus point and talk/ask questions.
- * Imagination spaceship games, to develop play skills and encourage creativity.
- * Funny faces and emotions in the mirror, encourage your child to copy. This can help with comprehension of emotions.
- * Encourage your child to explore the fibre optic strands. Allow them to touch, helping to promote tactile exploration and fine motor skills.

Occupational Therapist Tips:

- * Allow your child to be in charge of the space (if safe) and spend time there alone, this should be a space where they feel in control and learn to independently regulate.
- * Use the space as part of your daily routine, especially before/after school and before bed.
- * Encourage your child to explore the visual effects of the bubble tube, such as observing colour changes.
- * Integrate the bubble tube into other therapeutic activities, such as engaging in fine motor tasks or gross motor movements while the bubble tube provides visual input.
- * Integrate the fibre optic light into other therapeutic activities, such as activities like sorting, counting, or creating patterns using the colourful strands.

MIXED LIGHT EQUIPMENT

Interactive Bubble Tube

- * A 1-metre interactive bubble tube with colourful fish.
- * Attaches to a soft play, cushioned purple plinth.
- * The bubble tube comes with a 5-way button switch to control colour, bubbles and speed.
- * Acrylic mirrors (x2), giving an all-round illusion of space and enhance the bubble tube effect.
Supplied with fixing plates
- * A set of 12 colourful fish are provided, the fish rise to the top of your bubble tube by the power of bubbles and gently float back to the bottom. Visually captivating and great for tracking.
- * An industrial bubble tube pump is included, this enables users to empty their bubble tube with ease.

Bubble tube size: H1000mm

**Bubble tube plinth size: L900mm x W900mm
x H300mm**

Acrylic mirrors size: W900mm x H1200mm



Fibre Optic Sideglow

- * A spray of acrylic fibres that constantly change colour along their full length. Comes with LED light source technology that provides a slow, calming colour changing light for your fibre optic sideglow. Ideal for wall fixing.
- * Safe to handle.
- * The constant colour changes encourage focus and visual stimulation.

Fibre optic sideglow size: 150 strand x 2m

Mini LED lightsource size: L190mm x W80mm x H70mm



MIXED LIGHT EQUIPMENT

What the pack supports with:

- * Tactile stimulation. Stimulating the sense of touch through the fibre optic fibres.
- * May help those who usually avoid tactile input to engage as it is self-led and visually appealing. This can help to de-sensitise your child which can then aid in other activities such as self-care tasks.
- * Visual stimulation and tracking. The bubble tube helps with visual development and focus, such as tracking movements of the bubbles and colourful fish.
- * Decrease anxiety and soothe. The sound of the bubble tube and calming colour changes can have a soothing effect.

Things to try and why?

- * Choose a fish and watch its journey up and down the bubble tube. Start with 10 seconds then gradually build the time of focus to one minute. This aids visual tracking, concentration and focus. This present moment focus will also help to emotionally regulate your child, almost like a meditation.

- * Explore the fibre optics with touch. For example, with hands, crawl through them, brush over arms or face. Allow this tactile stimulation to be self-directed.
- * Use audio guided meditation or positive affirmations, for your child to listen to whilst using the equipment. This can help with positive mindset and relaxation. 'Insight timer' app for lots of free content for this.

Occupational Therapist Tips:

- * Using a weighted blanket or pillow and watching the bubble tube could be very calming for your child. This could be done when your child wakes up or before bed, to help calm and emotionally regulate. If your child likes this, it can be something they can learn to do for themselves, recognising how it makes them feel.
- * **Make sure the blanket is appropriate size and weight for your child and they are supervised when using it, especially for younger children.**
- * Integrate the bubble tube into other therapeutic activities. For example, the child could engage in fine motor tasks or gross motor movements while the bubble tube provides visual input.
- * Integrate the fibre optic light into other therapeutic activities. For example, the child can engage in activities like sorting, counting, or creating patterns using the colourful strands.

TACTILE EQUIPMENT

UV Musical Tactile Panel & UV Light

- * A colourful and visually-arresting panel filled with tactile items to explore.
- * Everything glows brightly under the high-power UV light and produces stunning vibrant effects. Modes include sound activation and dimming.
- * Eight hidden shapes act as switches which generate an electronic sound when pressed, with a total of 64 audio options available.

Tactile panel size: 750mm Diameter x 100mm Depth

High power UV light size: W360mm x H240mm x D90mm



UV Reactive Twirly Carpet

- * The UV Twirly carpet is inset with bright, glowing twirls woven into the carpet. Turn on a UV light and watch the twirls appear and glow furiously, creating a mesmerising image of colour.
- * Place the carpet on the floor or a table and explore the tactile carpet with your hand and eyes.

Size: W900mm x D1000mm



UV Sensory Bag

- * A fantastic bag of UV goodies to brighten up your sensory room.
- * Contents includes (may vary): sensory bag, juggling sticks, bangles, juggling sticks, groan tubes, spine balls, touchable bubbles, post-it notes, rope linelite tubing, pinpression, portable light, glow squidgie ball.

Size: W350mm x L450mm



TACTILE EQUIPMENT

What the pack supports with:

- * Tactile stimulation. Stimulating the sense of touch with hands using the panel.
May help those who usually avoid tactile input to engage as it is self-led and visually appealing. This can help to de-sensitise your child which can then aid in other activities such as self-care tasks.
- * Brightly coloured items support curiosity within the child to explore their sensory environment and find input that feels nice for them.

Things to try and why?

- * Make lessons fun using UV resources. For example, make a collage using fluorescent markers and sticky notes.
Try making a mini sensory course/ routine using the items that could be completed every day as part of your child's sensory diet.

- * Play hide and find the item e.g. show a picture and ask your child to find the matching toy. The toys could be together in a box/ wrapped in a blanket/ hidden around the room. Your child needs to use their visual and tactile skills to identify the correct toy. Could give a sticker or praise for a reward.
- * Create a sensory bin filled with materials like rice, beans, sand, or water beads. Hide small toys or objects from the UV sensory bag within the bin for the child to discover through touch. Use different tools, such as scoops, spoons, or small containers, for added exploration.

Occupational Therapist Tips:

- * Allow your child to explore at their own pace. This pack contains tactile and audio sensory stimulation which many children can be sensitive to. If feeling in control they are more likely to tolerate these sensory inputs.
- * Encourage your child to explore these tactile items before engaging in self-care tasks such as washing and dressing - so they have engaged in some positive tactile sensory input before engaging in tactile activities they may find more challenging.
- * Use descriptive and playful language to engage your child. Describe the textures they are feeling, such as "soft," "smooth," or "bumpy." This helps build their vocabulary and enhances their sensory experience.

PROJECTOR EQUIPMENT

Projector Package

A projector and accessories package to encourage stimulation or calming effects.

Includes:

Mirage projector | Projector hoop | 6" effect wheel - blank | 6" effect wheel stencil book | 6" effect wheels: fireworks, deep sea, jungle animals and Caudwell Children butterflies | Pack of 8 pens | Box of OHP sheets



What the pack supports with:

Visual stimulation | Calming effects | Gross motor skills | Fine motor skills |
Hand eye coordination

Things to try and why?

- * Try a 'Simon say's game e.g., Simon says, touch the frog's eye with your right hand or touch the nose with your left thumb. This is good for listening and following instruction, hand eye coordination, identifying body parts and matching with language. This also aids gross motor skills development of balance and coordination, reaching and stretching.
- * Before designing their stencil, encourage your child to create some ideas and make draft versions to practice, e.g. a solar system. This will help with handwriting and pen holding skills.

Occupational Therapist Tips:

- * Using some calming projections could be great as part of a night time routine e.g. turn on the space projector when getting ready for bed and have a bedtime story. This is calming and preparing the child for sleep.
- * Gross and fine motor skills development are best developed through play! Incorporate these skills into games.

PRICE LIST

* Multi-Sensory Equipment

Total Cost: £1,274.92

Family Contribution Cost: £254.98

* Mixed Light Equipment

Total Cost: £1,312.78

Family Contribution Cost: £262.56

* Tactile Equipment

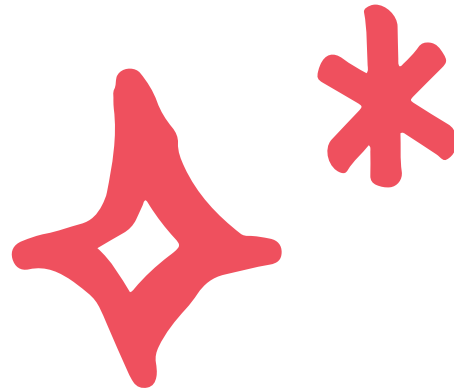
Total Cost: £963.46

Family Contribution Cost: £192.69

* Projector Equipment

Total Cost: £484.50

Family Contribution Cost: £96.90



Caudwell Children transforms the lives of disabled children across the UK.

Autism Services

Providing practical and emotional support for autistic children and their families. An innovative new programme of multi-disciplinary assessment, practical support and research delivered from our purpose built Caudwell International Children's Centre (CICC) at Keele University.

Equipment

Mobility, sensory and specialist sports equipment that children need to live fulfilled, happy and independent lives.

Family Support

Giving families practical support and guidance at home, in hospital or on the phone at the point of diagnosis or during treatment.

Shaping Futures

Supporting young neurodivergent people with vital employability and life skills to help shape their futures.

Short Breaks

Teaching practical life skills through activity programmes.

Therapy

Access to life changing therapy programmes for children with cerebral palsy, brain injuries & other associated conditions.


Treatment

Providing funding access to vital treatments which could dramatically change or save a child's life.

Workshops

Providing families with a range of workshops that focus on many of the common differences associated with raising a child with a disability or an autistic child.



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