

Liberty University ODAS- Sunset Sensory Room

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FACS 300-001
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Sensory Room Benefits



- Provide escape from stimulation
- Reduce stress and anxiety
- Improve emotional regulation
- Appeals to a wide range of people



Sensory Room Examples



healthcare21.eu/product/multi-sensory-rooms/



www.runkandpratt.com/stories/



snoezelen.info/sensory-rooms/snoezelen-image-gallery/

Research Focus

- ASD = Autism Spectrum Disorders
- Sensory processing disorders
- Emphasis on individuality, feeling at home, and finding rest (Tackx).



Research Rationale



“Thanks to the interaction between our sense organs, what we perceive, and the central nervous system, we are able to interpret and understand the world around us. However, in people with Autism Spectrum Disorder...common perceptual experiences for typically developing individuals can be highly disturbing”
(Basadonne).

“Unexpected or unfamiliar sensory disruptions to sound, touch, smell, taste, vision, or even movement can arouse individuals with ASD, causing them to respond in a potentially inappropriate or dangerous manner”
(DeGuzman).






Research Discoveries



- Calming and beneficial elements (Cameron)
 - Music
 - Aromatherapy
 - Weighted blankets
 - Rocking chairs

“There is clear evidence that individuals with autism are profoundly affected by the colors around them and the textures of materials close to them. While this will vary, there are general rules of thumb around adopting colors such as light blues... Similarly, it is wise to avoid harsh and abrasive materials, opting instead for soft, natural fibers” (Hanbury).

3 Recommendations from Research Discoveries

-  Gently engage as many senses as possible
-  Having fewer people in the room is mentally beneficial
-  Provide a variety of sensory toys to allot for tactile preferences



Key Design Features



Our design features dynamic low-sensory elements such as a bubble wall, the calming scent of eucalyptus, textured walls, the soothing sounds of rain, a sunset lamp, a glowing cloud canopy, a plethora of high-quality tactile toys, several relaxing seating options, and a fiber optic star ceiling.

Sunset Sensory Room



Liberty University's OHS Department
 - Mary Schmidt and Abigail Stem
 - FACS 308-881
 - Spring 2024

Sunset Sensory Room

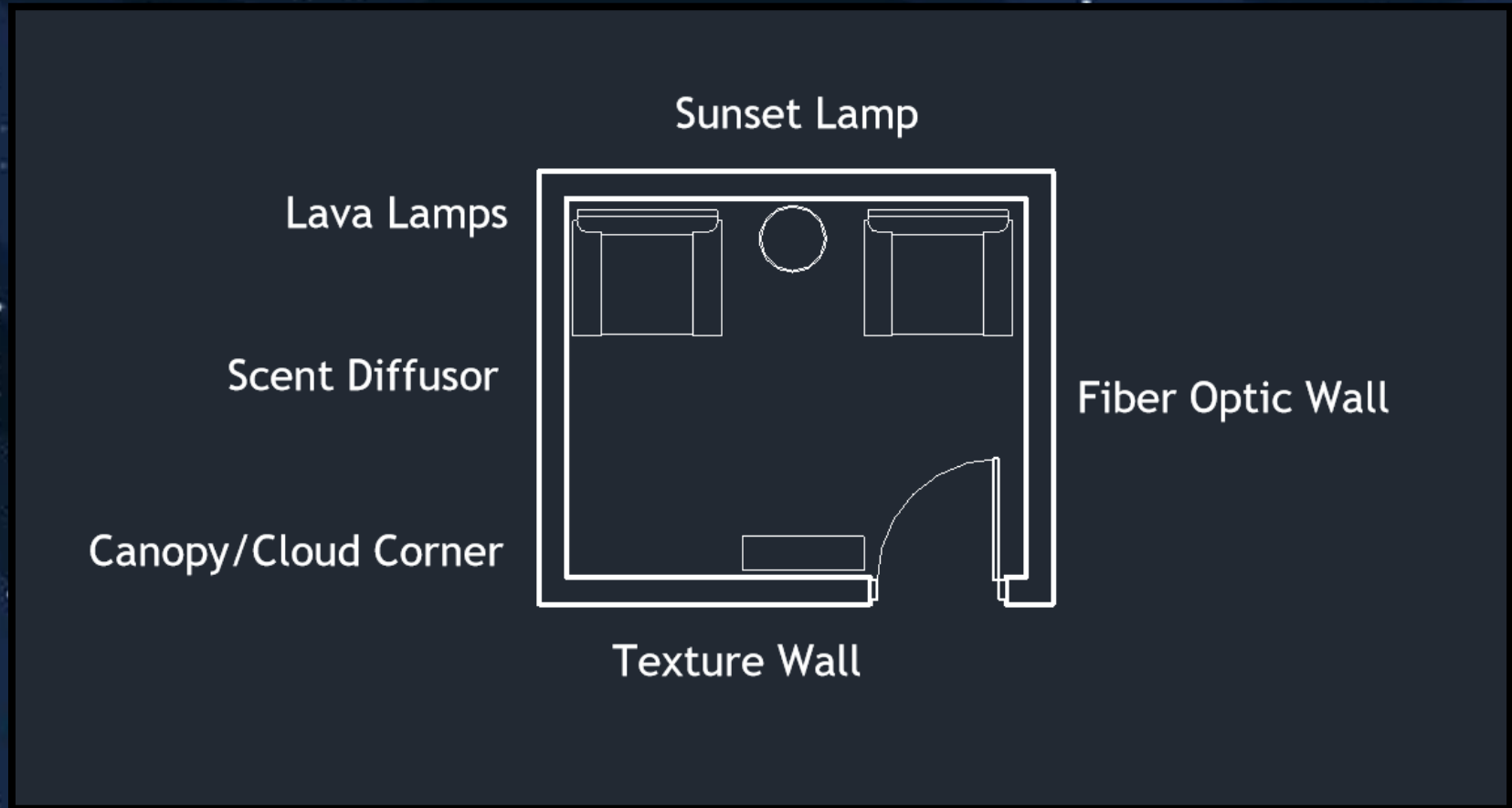


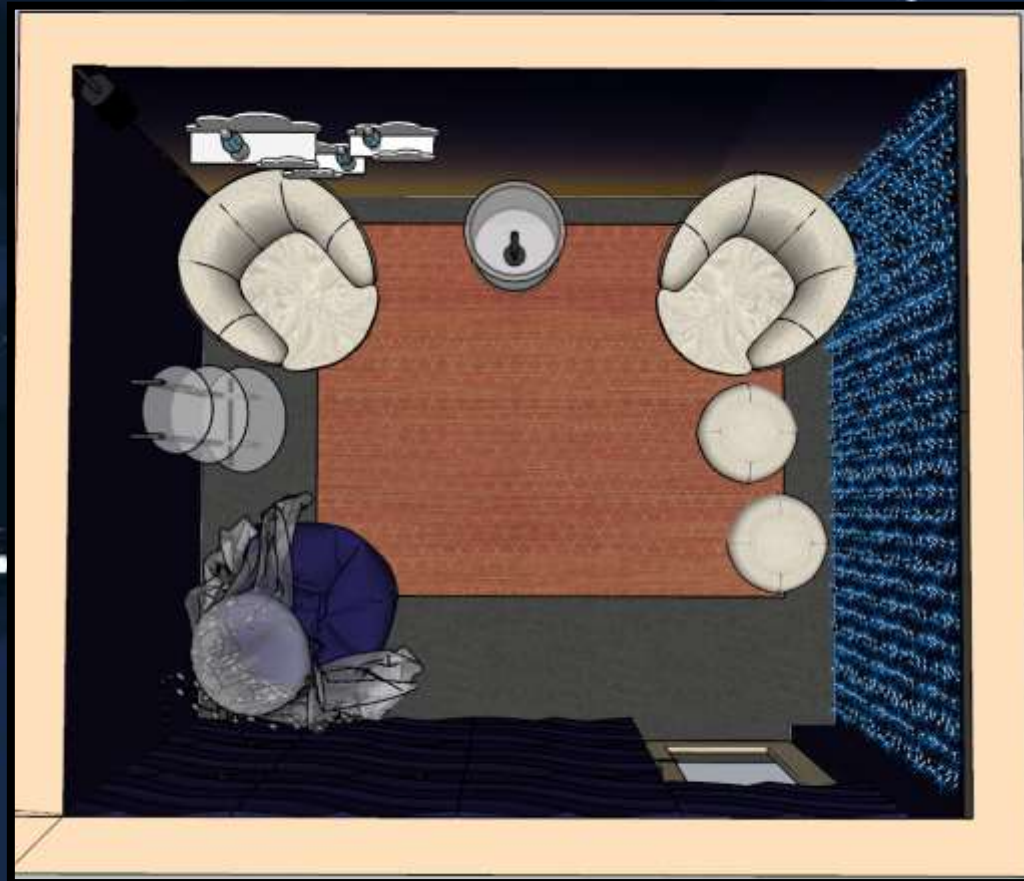
- 5 Recommendations based on our research:
 - Encourage people as many senses as possible
 - Having fewer people in the room is generally beneficial
 - Provide a variety of sensory toys to allow for tactile preferences
- Our design features dynamic low-sensory elements such as a bubble wall, the calming scent of eucalyptus, textured walls, the soothing sounds of rain, a sunset lamp, a plethora of high-quality tactile toys, several relaxing seating options, and a fiber optic star ceiling.



Plans

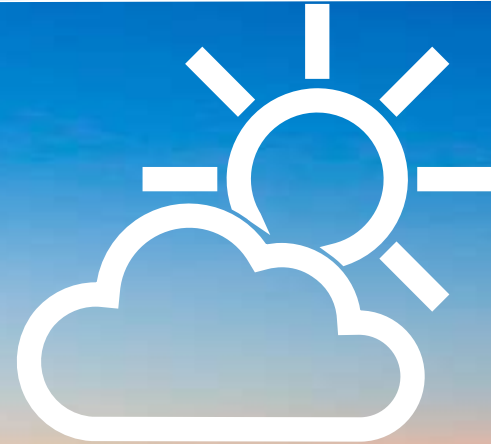








Lighting



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Color



LED Clouds



Lava Lamp Shelves



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Citrus Orange
2016-20

Sunflower
2019-30

Bold Blue
2064-10





Seating



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Tactile Elements

01

Sensory Toys

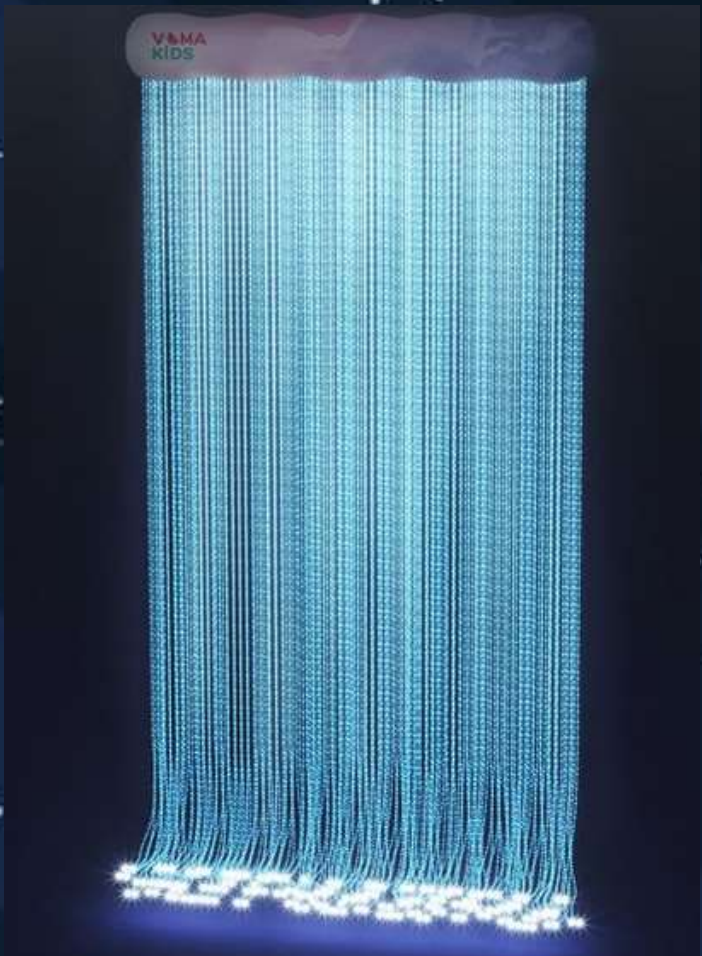
02

Fiber Optic Wall

03

Ripple Textured Panelling

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Scent, Sound, Etc.



Oil Diffuser



Rain Sound System

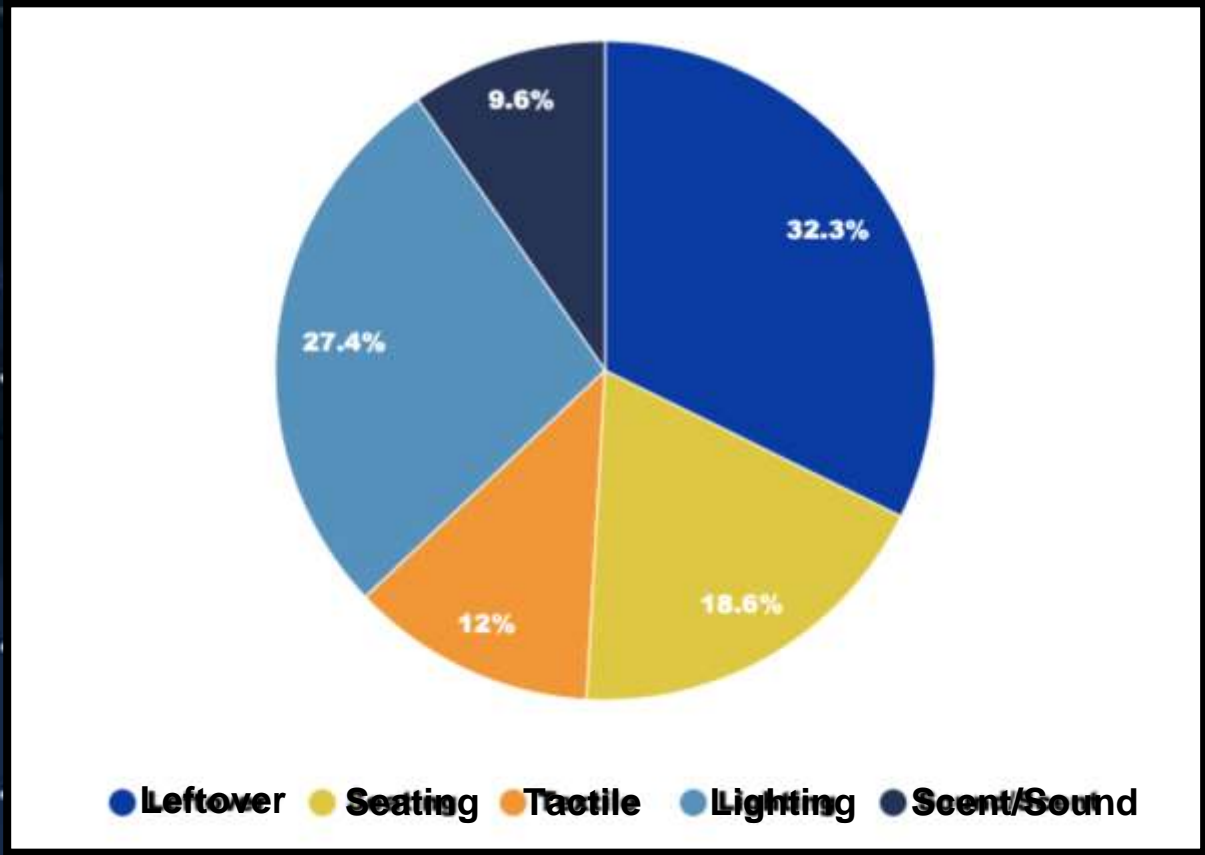


Furniture and Fixture Schedule

Furniture and Fixture Schedule

Item	Brand	Details	Description	Quantity	Price	Total
Sensory Room						
Sunset lamp	Madoury	Multi-color	Projector Sun Light 10W LED Projection Light 180 Degree Rotation USB Charging	1	19.99	\$20
column floor lamp	Mfortior	1 pack	Smart APP Control, Timer, Energy Efficient, Color Changing, Timer,	1	69.99	\$70
Cloud Chair Set	Curahome	Ivory	barrel shaped silhouettes, soft sherpa fabric, and channel-tufted detailing	2	549	\$1,178
Round Dome Canopy	VETHIN	Dome-white/White	VETHIN Double Layer Princess Round Dome Canopy Bed Curtain	1	56.99	\$57
White Cloud Wood Wall Shelf	Hobby Lobby	large	MDF shelf features a floating design with billowing, rounded edges	3	29.99	\$90
Lava Lamp	Dalavalampa	orange	Dalavalampa 7 Color Changing LED Magma Lamp, 13" Orange Liquid Motion Lamp	3	39.99	\$120
LED Strip Lights	IFKOV	30m/98.4ft	RGB, AC 110-120V/Flexible/Waterproof/Multi Colors/Multi-Modes Function/Dimmable LED Rope Light with Remote	1	162.99	\$163
Fidget Toys	Jayin3D	Light-3 Bundle	Variety Packs of Fidget Toys, Kids and Adults, Quiet, Fun, Sensory Tools, Gifts, Colorful, Textured	2	16.99	\$34
22" Star Ceiling Panel	Wiedamark	SKU: IL-SCP-2x2	built in, LED Light source that draws only 2.3 W and is easy daisy-chained to other panels for simple, worry-free wiring	20	\$152.25	\$3,045
Bubble wall	PlayLearn	floor standing	Sensory Led Bubble Wall With 8 Changing Colors 6ft Floor Standing	1	950	\$950
Fiber Optic Light Curtain	PlayLearn	100-strands	Shimmering Fiber Optic Light Curtain with 8 Color Settings - 100 Strands	1	1,200.00	\$1,200
Textured wall panels	IVORI	Waves Deluxe	IVORI™ Waves Deluxe Wall Panel (12 pc set)	1	139.95	\$140
acrylic table	HMYHUM	clear	HMYHUM Acrylic Round End Table, 2-Tier, Modern, Easy Assembly, 15" L x 15" W x 21.6" H	1	69.99	\$70
essential oil diffuser	hommas	Auspicious Clouds	100ML Upgraded Ceramic Diffusers for Essential Oils, Aromatherapy Cool Mist Humidifier with Waterless Auto Shut-Off	1	22.99	\$23
orange rug	Ebern Designs	orange	Antio Machine Woven Performance Rug	1	296.99	\$297
curtain fairy lights	Brighttown	20 ft, warm white	String Lights 20 feet 600 Led Fairy Twinkle Lights with Remote, Timer, 8 Modes, Warm White,	1	32.99	\$33
one way mirror film tint	Buydecorativefilm Store	36x 12 feet	BDF 505 Heat Control Daytime Privacy One Way Mirror Window Film Silver 5	1	40	\$40
Bean Bag Chair set	LovSac	(MovieSac) Navy Marble Phur	Fits 1-2 people, 45 lbs., ~4' wide x 3'7" high, + squattoman	1	926	\$926
cloud pillow	DreamsGelsomino	CLOUD-16 inch	Cloud Pillow, Cloud Shaped Pillow, Star Cushion, Cloud and Star Pillow, Star Pillow	1	21.51	\$22
star pillow	DreamsGelsomino	star: 16 inch	Cloud Pillow, Cloud Shaped Pillow, Star Cushion, Cloud and Star Pillow, Star Pillow	2	22.99	\$46
eucalyptis oils	Thymes Store	Eucalyptus	Thymes Reed Diffuser Oil - 7.75 Fl Oz - Eucalyptus	1	35	\$35
sound system	Polk Audio	Walnut, ES20	Hi-Res Audio Certified, Dolby Atmos & DTS:X Compatible, 1" Tweeter & 6.5" Woofer, Power Port Tech	1	400	\$400
cotton for clouds	Fairfield Store	12lbs	Fairfield Fiber Fill, 12 lb, White	1	47.85	\$48
liquid timer toy	PlayLearn	3 pack	the perfect companion to soothe stress, calm nerves, and enhance focus.	1	17.99	\$18
gel bead shapes	PlayLearn	4 pack	help to instill a sense of calm, reduce stress and anxiety, and improve focus and attention	1	15	\$15
spiky bouncy balls	PlayLearn	4 pack	provides tactile and visual stimulation that helps promote a sense of calm and relaxation	1	30	\$30
stacking stones	PlayLearn	30 pieces	world of sensory exploration and creativity as these beautifully colored stones become your companion for fidgeting	1	19.99	\$20
spiral liquid timers	PlayLearn	3 pack	a simple yet effective tool to help children self-regulate	1	22	\$22
Epic link	Wiedamark	SKU: IL-ES-Link	The EPIC LINK provides power and or communication to Epic Sky Systems	1	183.75	\$200
acrylic floating shelves	CG acrylic store	5.5" Wide-Pack of 4	Clear Acrylic Floating Shelves Set of 4 Floating Shelf Decor Living Room Wall Mounted	2	29.99	\$60
Star ceiling control panel	Wiedamark	SKU: IL-ES-WS-WH	allows you to change the twinkling star effects for our star ceiling panels	1	124.95	\$125
fluorescent light cover	walmart	starry night pattern	Octo Lights - 2x4 Flexible Ceiling Light Filters - For Classrooms and Offices - Astronomy 001	1	34.99	\$35
Faux Rabbit Fur Throw Blanket	DREAMNINE Store	cream white	Decorative Soft Thick Fuzzy Faux Rabbit Fur Throw Blanket, 50" x 60", Cream White	2	80	\$160
Faux Rabbit Fur Throw Blanket	DREAMNINE Store	navy blue	Decorative Soft Thick Fuzzy Faux Rabbit Fur Throw Blanket, 50" x 60", Cream White	1	70	\$70
spray paint	Krylon	Navy Blue, Gloss	K05529007 COLORmaxx Spray Paint and Primer for Indoor/Outdoor Use, Gloss Navy Blue 12 Ounce	8	13.09	\$105
Paint	Benjamin Moore	3 colors	Bold Blue 2064-10, Citrus Orange 2016-20, Sunflower 2019-30			\$9,866

Financial Breakdown



Renderings















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THANK YOU

