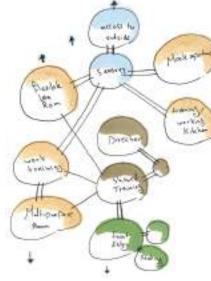
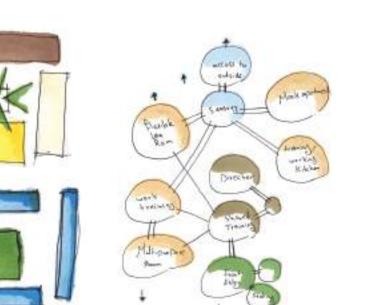
TODAY celebrates all individuals and meets them where they are TODAY. TODAY training center is a place that focuses on providing vital life and job skills to individuals with Autism Spectrum Disorders and other cognitive disabilities. TODAY focuses on the day by day progression of our clients and takes each individual's sensory environment needs into serious consideration. We believe in the power of partnership, represented by the two triangles in our branding that our clients are never alone as they work toward their self-defined goals and look forward to tomorrow.

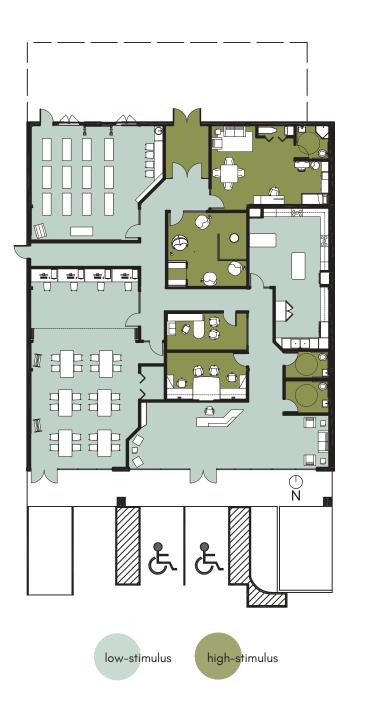


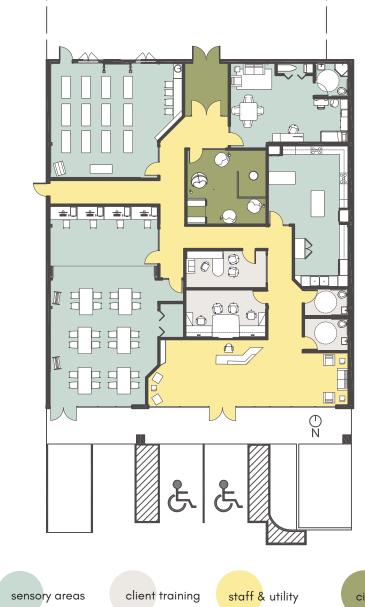




O







## SENSORY ZONING

Low-stimulus zones are clustered in the back of the facility to create a portion of the building where clients can take a exits to give easy access to the break from the high-stimulus training and circulation areas. Clustering sensory zones is recommended by Mostafa (2014).

## **ZONING DIAGRAM**

The sensory areas were strategically placed near one of the facility's back garden, which has also been designed as a sensory area. Staff facilities are centrally located for easy access to all areas of the training center.



training center

The goals for TODAY training center are centered on 5 "S"'s of ASD design, adapted from Mostafa's (2014) ASPECTSS

# SOUND

Auditory stimulation can take energy away from learning in the classroom; background noise should be kept to 35 DB maximum. Floor heating, sound-absorbing flooring, and fluorescent lighting alternatives are innovative solutions to this problem.

# SPATIAL SEQUENCING

Many individuals with autism have thoughts rooted in sequencing and organization; making sure that the environment is established in a logical order is important. A few ways to ensure organization are to create group arrangements with flexible furniture, to add sensory zoning, and to simplify wayfinding for clients in the center.

# SPACE

design

Escape spaces are specifically designed to give clients the specific amount of stimulation in a given situation and are built to meet a wide variety of sensory needs. The sensory needs that should be addressed in escape spaces include scent, lighting, access to nature, comfortable seating, and controllable music.

(Kinnaer, Baumers, & Heylighen, 2016; Gaines, Curry, Shroyer, Amor, & Lock, 2014; Ryan, Browning, Clancy, Andrews, & Kallianpurkar, 2014; Hrdlicka et al., 2011; ("Sensory Room Design | Hirstwood Training," n.d.)

# SENSORY ENVIRONMENT

The sensory environment should be centered around balance. Using partitions to divide rooms into distinct purposes and incorporating various organization tools into work-centered spaces are just two ways to create a predictable sensory environment and give control

(Gaines, Curry, Shroyer, Amor, & Lock, 2014; Mostafa, 2008; "DesignShare: Classroom Design for Living and Learning with Autism," n.d.; Organising, sequencing, prioritising – National Autistic Society," n.d.)

# SAFETY

Incorporating contrasting colors between the floor and wall, using flooring with thresholds flush to floors, providing windows within the building to enhance visibility, and providing non-verbal signage are all ways to easily make the space safer for all. Ensuring that there is adequate space for approach and use, that information is known by all, that there is a low physical effort needed to use any item in the center, and that all objects have a high tolerance for error are just a few ways to ensure safety.

(Medcalf, 2016; Gaudion, Lowe, McGinley, & Kew, 2014; "Autism Informed the Entire Design of This Revolutionary Boarding School | Architectural Digest," n.d; "Principles of Universal Design," n.d.)









### flexible use room

- Exercise space to encourage physical activity and to cater to clients who need lots of stimulation
- Desk area for creating crafts to encourage creativity and provide stimulation
- Access to outside green space directly from room to provide immediate sensory relief

flexible use

work training

multipurpose

- Rubber flooring to ensure safety according to universal design

### green exit

sensory

director's office

lobby

trainer office

room

- Live moss wall
- o Noise dampening qualities to reduce auditory stimulation

mock apartment

kitchen

- o Includes air cleaning properties - Access to meditation and contemplation courtyard outside
- Designed using biophilic principles
- Acts as an alternate sensory integration space

### mock apartment

- Vanity and ADA bathroom to teach makeup and hygeine skills
- Closet with ironing board and washer and dryer to reduce visual clutter
- Carpet tile throughout shared spaces to reduce acoustical stimulation - Zero threshold between flooring types to ensure mobility

- Commercial-grade kitchen equipment to teach skills needed to work in a professional kitchen setting
- Work tables with adjustable heights to ensure ADA accessibility for
- Two large integrated storage closets to reduce visual clutter

- Prints of pieces by Stephen Wiltshire, an artist with ASD
- Clerestory windows to let natural light travel throughout the space to
- reflect daylight to the ceiling - Suspended acoustical wood panel tile from ceilings to reduce
- auditory stimulation - Custom ADA accessible front desk for universal design
- Live moss wall for biophilia, to reduce auditory stimulation, and to cleanse the air
- Vinyl flooring throughout lobby and halls with different colored vinyl
- outside of offices to assist with wayfinding - Signage outside of each room features the written name of the
- space, a photo of the space, and braille for universal wayfinding - All windows have remote controlled blackout curtains to control the amount of sensory stimulation
- All lighting is LED rather than flourescent
  - o Lights are fully customizable to control sensory stimulation o LED lights don't hum like traditional flourescent lights do and are less harsh; the use of LED lights reduces auditory and visual

## work training & multipurpose

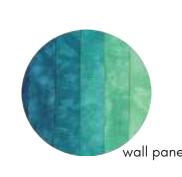
- Includes integrated projection and large storage closet for supplies to hide clutter and reduce visual stimulation
- Folding wall separates spaces with different purposes
- White boards to encourage collaboration and communication
- Portable white boards to create smaller and less-stimulating break-out groups
- Flooring is carpet tile to reduce acoustical stimulation
- 4 separate computer stations to increase client concentration
- Each desk equipped with sorting stations to increase productivity and teach work-organization skills

## acoustic materials





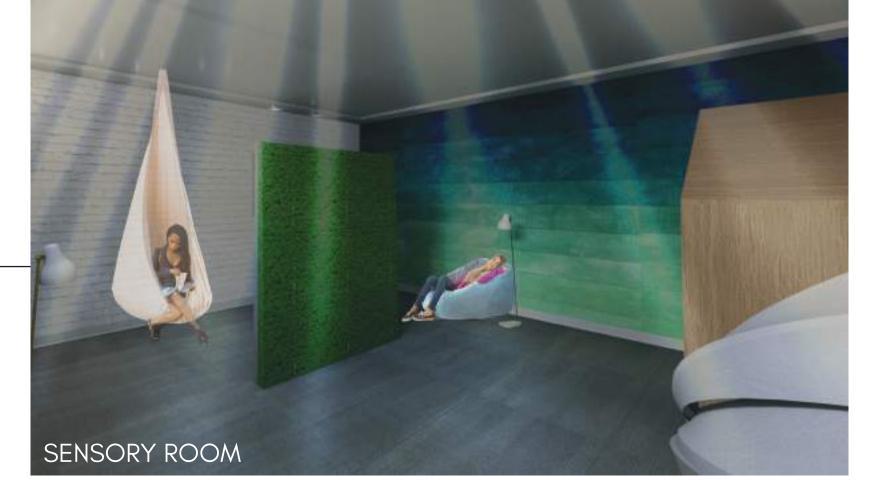




FLOOR PLAN

## sensory integration room

- Located away from high-traffic and high-population areas
- Separate air conditioning unit to give client full control over the space
- Integrated sound system with headphones to give client full access over the amount of auditory stimulation desired
- AV system to project fully customizable color and lighting on the wall to provide as much or as little stimulation as desired - Bean bag chairs feature surrounds to ensure privacy and give the option to block out all sensory stimulation
- Partitioned area with vestibular swing to increase sensory stimulation
- Window coverings can be opened if natural light and view to green exit is desired to feel closer to nature - Biophilic live moss wall to absorb sound, reduce auditory stimulation, and increase air quality
- Tented area with seating and curtain to ensure privacy and block out sensory stimulation - Bamboo fabric on furniture because the texture can be soothing to individuals with ASD
- Carpet tile on floor and acoustic panel wall to reduce auditory stimulation





material and furniture selections









