<table>
<thead>
<tr>
<th><strong>Title</strong></th>
<th>Tactile textiles: using textiles as a source of tactile and touch therapy for children who are suffering from tactile sensory dysfunction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Author(s)</strong></td>
<td>Cheong, Tong Pei</td>
</tr>
<tr>
<td><strong>Citation</strong></td>
<td>Cheong, T. P. (2013, March). Tactile Textiles - Using textiles as a source of tactile and touch therapy for children who are suffering from tactile sensory dysfunction. Presented at Discover URECA @ NTU poster exhibition and competition, Nanyang Technological University, Singapore.</td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td>2013</td>
</tr>
<tr>
<td><strong>URL</strong></td>
<td><a href="http://hdl.handle.net/10220/11289">http://hdl.handle.net/10220/11289</a></td>
</tr>
<tr>
<td><strong>Rights</strong></td>
<td>© 2013 The Author(s).</td>
</tr>
</tbody>
</table>
Tactile Textiles - Using textiles as a source of tactile and touch therapy for children who are suffering from tactile sensory dysfunction.

/Aims
This project aims to use textiles as a form of tactile touch therapy integrated into the current occupational therapy treatments and developed into a range of sensory toys targeted at children who suffer from sensory processing disorders particularly in the tactile sense eg. oversensitive, under responsive to the sense of touch.

/Target Audience
Children suffering from sensory processing disorders:
- Sensory Modulation Disorder
  Children who over-respond, under-respond to tactile senses or constantly seeking to fulfill their sensory appetite.
- Sensory Discrimination Disorder
  Children who are unable to correctly process the sense of touch. For example not being able to determine what is touching his body and inability to perform tasks with hands without looking.


/Effectiveness
With the guidance of an occupation therapist and a prescribed sensory diet, sensory toys have been proven effective in helping children overcome their tactile intolerance, tactile insensibility and unhealthy sensory appetite. Treatment involving these toys also help them improve their social skills.

Tactile Toys
Tactile Sensory Balls
Tactile sensory balls are created with a bouncy core of felt ball covered by 3D textiles. Bells are added into felt balls to create audio sensory interest. The balls are palm sized to make them suitable for children to play with. The purpose of this set of toys is to enhance their tactile senses and improve their motor skills.

Tactile Runway
The purpose of the Tactile Runway is for children to overcome their sensory disorder by stepping on a set of tactile terrains. As the foot receives a myriad of tactile senses, the Tactile Runway is most effective when incorporated into the sensory diet of a child under the guidance of an occupational therapist.

Project Title: Tactile Textiles-using Textiles as a Source of Tactile and Touch Therapy for Children who are Suffering from Tactile Sensory Dysfunction.
Supervisor: Asst Prof Hong Li Tsing