

<b>THEME:</b> Transportation In Our Daily Lives		<b>AGE GROUP:</b> Kindergarten One/Two	
<b>Lesson Title:</b> Creative Class Stories on Transportation with Little Bits			
<b>NEL Learning Areas:</b>			
<ul style="list-style-type: none"> <li>- <u>Language &amp; Literacy (L&amp;L)</u></li> <li>- <u>Social &amp; Emotional Development (SED)</u></li> </ul>			
<b>PRAISE Learning Dispositions Focus:</b>			
<input type="checkbox"/> Perseverance <input type="checkbox"/> Reflectiveness <input checked="" type="checkbox"/> Appreciation <input type="checkbox"/> Inventiveness <input checked="" type="checkbox"/> Sense of Wonder and Curiosity <input type="checkbox"/> Engagement			
<b>PlayMaker</b>			
<b>Learning Cycle Phase</b>	<input checked="" type="checkbox"/> Awareness <input checked="" type="checkbox"/> Exploration <input type="checkbox"/> Acquisition <input type="checkbox"/> Application		
<b>Targeted Process Skills</b>	<input type="checkbox"/> Observing <input type="checkbox"/> Predicting <input checked="" type="checkbox"/> Recording <input type="checkbox"/> Experimenting <input type="checkbox"/> Comparing <input type="checkbox"/> Classifying <input checked="" type="checkbox"/> Communicating		
<b>Objectives</b>	Children will be able to: 1) write at least one complete sentence on papers to form a creative class story with their teachers and peers on transportation topic with Little Bits technology toy (L&L) 2) demonstrate speaking in complete sentences in the group discussions and from their story scripts to their teachers and peers (L&L) 3) have the opportunity to share toys, tools and resources in a peaceful manner to complete a group task with their teachers and peers (SED)		
<b>Materials</b>	<ul style="list-style-type: none"> <li>▪ Sets of Little Bits Materials and picture cards (Appendix A) of individual Little Bits parts</li> <li>▪ Demo example of a story about transportation retrieved from <a href="http://www.storyjumper.com/book/index/13555552/Transportation#">http://www.storyjumper.com/book/index/13555552/Transportation#</a></li> <li>▪ A computer and screen to play the video mentioned above</li> <li>▪ Writing Activity Sheet (Appendix B)</li> <li>▪ A3 Drawing Papers, pencils, erasers, colour pencils, crayons, etc.</li> <li>▪ 4 large boxes to be used as the base for making vehicle props</li> <li>▪ A variety of decoration materials: Cardboard, Coloured Markers, Bottle Caps, Coloured ice-cream sticks, unused satay sticks, rubber bands, LEGO blocks, paper plates, coloured construction papers, pipe cleaners, recycled CDs, toilet roll cardboard tubes, etc.</li> <li>▪ A space for children to perform their class story aloud with self-made transportation props</li> <li>▪ Differentiated Instruction – Word cards related to Transportation (bus, train, car,</li> </ul>		

	motorcycle, bicycle, train, etc.)
	<b>PROCEDURE</b>
<b>Tuning-in</b> (Large group – 10 mins)	<ol style="list-style-type: none"> <li>1. Teacher will continue exploring on the content theme of ‘Transportation in Our Daily Lives’ as well as the Little Bits with picture cards (Appendix A) of the technology toy.</li> <li>2. Teacher will show children the demo story ‘Transportation’ by Anna by surfing the link below with a computer and projecting it to a screen -  <a href="http://www.storyjumper.com/book/index/13555552/Transportation#">http://www.storyjumper.com/book/index/13555552/Transportation#</a></li> </ol> <p><u>Questions</u></p> <ul style="list-style-type: none"> <li>• What is the story about?</li> <li>• What are some transportation vehicles you can see in the story?</li> </ul> <ol style="list-style-type: none"> <li>3. Teacher will inform children that today they will be creating a creative class story on ‘transportation’ and making vehicle props for their story using the Little Bits technology toy as well as other materials for a presentation in the end.</li> <li>4. Teacher to ask:  <u>Questions</u> <ul style="list-style-type: none"> <li>• What kind of parts does the Little Bits have? Can you name some of them?  What are the different functions of these parts?</li> <li>• Does anyone know what ‘transportation’ is? Can you list some of them?  Where can we find these transportation vehicles?</li> <li>• What are some ‘transportation’ stories you know?</li> </ul> </li> <li>5. Teacher will invite children to divide into small groups of 4 to 5 and discuss on which transportation vehicle they wish to create for the class story and how Little Bits can be used to enhance their vehicle prop. [Main idea – Little Bits enhance their vehicle props; hence adds flair to their story presentation.]</li> </ol>
<b>Main</b> (In small groups of 4 to 5 – 40 mins)	<ol style="list-style-type: none"> <li>1. Teacher will invite children from the different groups to share their ideas of the vehicle prop they would like to make, [E.g. one group will make a car, another group may choose to create an ambulance; try to encourage each group to make a different vehicle prop].</li> <li>2. Teacher will distribute one set of Little Bits for children to interact, observe and manipulate and encourage them to share the tools, toy and resources in a peaceful manner and start creating their vehicle prop with the art materials and technology toy.</li> <li>3. Teacher will ask while walking around the various groups:</li> </ol>

	<p><u>Questions</u></p> <ul style="list-style-type: none"> <li>• How will your vehicle prop look like? What are the different parts of the vehicle your group has chosen?</li> <li>• How will you use the Little Bits parts to enhance your vehicle prop?</li> <li>• What is the story sentence you will write about your group’s vehicle prop?</li> </ul> <ol style="list-style-type: none"> <li>4. Teacher will distribute a writing activity sheet (Appendix B) to each group of children and invite them to write at least one complete sentence for the class story.</li> <li>5. Teacher will provide for differentiated instructions in the lesson by: <ul style="list-style-type: none"> <li>Level 1 – Children who are not yet ready to write will have words cards related to the transportation (bus, train, car, motorcycle, bicycle, train, etc.) to read and paste on the writing activity sheet.</li> <li>Level 2 – Children who are ready to write will independently.</li> </ul> </li> <li>6. Teacher will facilitate the process by moving around the groups, looking at their writing and vehicle props and giving appropriate scaffolding when needed.</li> <li>7. Teacher will encourage children to speak in complete sentences during discussions and praise them when these behaviours have been observed.</li> <li>8. If children meets with difficulty with Little Bits, teacher will encourage children to problem solve by sharing ideas and trying them out within their own group instead of providing them the answers.</li> </ol>
<p><b>Closure</b> (Large group – 10 mins)</p>	<ol style="list-style-type: none"> <li>1. Teacher will invite all the children to gather as a class and invite each small group to present their writing activity sheet and completed Little Bits Vehicle Prop, speaking in complete sentences.</li> <li>2. Teacher will ask: <p><u>Questions</u></p> <ul style="list-style-type: none"> <li>• What is the story sentence your group came up with?</li> <li>• How did you use Little Bits to enhance your story?</li> </ul> </li> <li>3. Teacher will invite the children to present their story in their groups while taking turns and showcase their completed Little Bits Vehicle Prop to enhance the presentation, [e.g. story sentence ‘The ambulance is sounding its siren and shining its lights’ – using Little Bits buzzer and light parts in the circuit.</li> <li>4. Children will display their Little Bits Vehicle Prop in the classroom and teacher will collate the writing sheets into a class creative story book on ‘transportation’.</li> </ol>

<b>Evaluation</b>	<i>*to be completed after lesson is implemented</i>
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Blue Bits are Power Bits.



Pink Bits are Input Bits.



This is a Button Bit.

Pink Bits are Input Bits.

Pink Bits are Input Bits.



This is a Light Sensor Bit.

Orange Bits are Wires that help us extend and branch out.



Green Bits are Outputs. This is a DC Motor.

Green Bits are Outputs. This is a Buzzer.



Green Bits are Outputs.



This is a Baragraph.

Green Bits are Outputs.



**Appendix B (Writing Activiy Sheet on the next page – To be printed)**

# Our Little Bits Transportation Class Story

Names: \_\_\_\_\_

Draw and colour your group's vehicle prop in the box below. Write at least one complete sentence for the class story on the lines below the box.



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