

eLearning Storyboard

GoBabyGo Program for New Trier Engineering Students

Module Title: GoBabyGo at New Trier

Target Audience: New Trier High School students/family in Engineering Program

Learning Objectives:

1. Define how Spina Bifida affects children's mobility.
2. Identify how their contribution in the GoBabyGo program can help children.

Learning Level: Knowledge

Seat Time: 30 minute

Outline:

- Welcome
- Navigation
- Objectives
- Introduction to the Illinois Spina Bifida Association
 - What is the Illinois Spina Bifida Association?
 - The ISBA three-part program strategy
 - What Is Spina Bifida and how does it affect children?
 - Knowledge Check on Objective #1
- What is GoBabyGo?
 - How it Started and Why it's Important
 - Engineering Students Participation in GoBabyGo
- GoBabyGo Autobahn Event
 - What is the annual event?
 - Promotional Video
- Testimonials
 - Recipient family quotes
- Getting involved
 - How to get involved using their website
 - Knowledge Check on Objective #2

Module Resources/References: TBA

Media and Audio:

Font:

Barlow Condensed (Text)

Barlow Condensed bold/uppercase (Title)

Color Palette



Custom Border, titles, and logo:



- Audio files that pair with this storyboard will use AI voiceover from WellSaid Labs
- Media Folders
 - [Car photos](#)
 - [New Trier Photos](#)
 - [More NT Photos](#)



Directions: Each table will indicate the corresponding slide number and course menu title in the top row. The columns will include details of how the slide will be visually laid out, the voiceover script, the text that will be included on the slide and any possible animations or learner interactions.

	Slide
	Layer
	Quiz Question

Slide 1.1/ Menu Title: Welcome			
Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
Background of students working on a car with GoBabyGo logo on top.	Welcome to the GoBabyGo at New Trier introductory course. In this interactive course, you will learn how Spina Bifida affects children and how getting involved with the	[Slide Title] GoBabyGo at New Trier [Buttons]	The Start and Navigation buttons will fade in timed with the VO reference The Start button will jump to slide 1.3

Last updated: 5/24/2023

<p>Custom Navigation and Start buttons.</p>	<p>GoBabyGo program provides access to mobility devices for children during their early developmental years.</p> <p>If you are familiar with the course navigation player, click the Start button to begin. If you would like some guidance with navigating the course, click the Navigation button. When you're ready, let's get started.</p>	<p>START NAVIGATION</p>	<p>The Navigation button will jump to the next slide (slide 1.2)</p>
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Reviewer Comments/Notes:

Slide 1.2/ Menu Title: Navigation			
Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>Player shows the Menu on the left.</p> <p>Background image:</p> <p>Photographic image child in GoBabyGo car, centered on slide with rounded and soft edge border effect</p> <p>Caption bubbles with labels point to player features</p>	<p>Please take a moment to review the course player so you feel comfortable navigating through the course. If you know your way around, you may proceed to the next slide.</p> <p>If you'd like to go backward or forward in the course, click the previous or next buttons. Accessibility options are located here. To adjust the volume, click the volume icon. Click the replay button to see the entire slide again or adjust the seekbar at any time to review a portion of the slide. You can also pause the player. Click the same button again to resume play. Revisit a slide by using the menu on the left.</p>	<p>[Slide Title] Navigation</p> <p>[Captions] Next Previous Accessibility Volume Replay Seekbar Play/Pause Menu</p>	<p>Caption bubbles with text labels will fade in, timed with their reference in the audio.</p>

	Click the next button now to begin the course.		
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Reviewer Comments/Notes:

Slide 1.3/ Menu Title: Intro to ISBA

Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>This slide begins with an ISBE picture at the top of the slide.</p> <p>The bottom section will have scrolling text that fade in by paragraph.</p>	<p>The Illinois Spina Bifida Association, also known as ISBA, is a nonprofit organization that was founded in 1969 by a group of dedicated parents. Our programs are designed to work in partnership with families, service providers, volunteers, researchers, and funders throughout the state and country.</p> <p>ISBA's main mission is to work to improve the quality of life of children, adults, and families living with spina bifida.</p>	<p>[Slide Title] Introduction to the Illinois Spina Bifida Association</p> <p>[Scrolling Text] The Illinois Spina Bifida Association, also known as ISBA, is a nonprofit organization that was founded in 1969 by a group of dedicated parents. Our programs are designed to work in partnership with families, service providers, volunteers, researchers, and funders throughout the state and country.</p> <p>ISBA's main mission is to work to improve the quality of life of children, adults, and families living with spina bifida.</p>	<p><i>This slide will auto advance to Slide 1.4 after narration ends.</i></p>

Reviewer Comments/Notes:

Slide 1.4/ Menu Title: ISBA's Mission			
Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>This slide will fade in.</p> <p>A picture of students from the GoBabyGo program.</p> <p>Three boxes with icons for a click to reveal interaction.</p>	<p>ISBA works to accomplish its mission with a three-part program strategy.</p> <p>Click on each box to learn more.</p>	<p>[Slide Title] ISBA's Mission</p> <p>ISBA works to accomplish its mission with a three-part program strategy:</p> <p>[Directions] Click on each box to learn more.</p> <p>[Click to Reveal Boxes] Promote skills development and independence</p> <p>Support individuals and families through outreach, education and advocacy</p> <p>Invest in people by helping pay for medical care and supplies, post-high school tuition, adaptive sports, emergency needs, and research</p>	<p><i>There will be three click to reveal boxes that will show information when the learner clicks.</i></p> <p><i>The next button will appear when all boxes are clicked,</i></p>

Reviewer Comments/Notes:

Slide 1.5/ Menu Title: Spina Bifida

Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>Under the title will be five interactive tabs:</p> <ul style="list-style-type: none">• What is Spina Bifida?• Symptoms• Mobility• Living with Spina Bifida <p>The learner will click each tab to reveal the information in the box below.</p> <p>The box will be filled with a slightly lighter color than the tabs.</p>	<p>Let's learn a little about Spina Bifida and the children you will be working to help.</p> <p>Spina Bifida is the most common permanently disabling birth defect that is associated with life. Approximately 166,000 individuals have Spina Bifida in the United States.</p> <p>Click each tab to learn more..</p>	<p>[Slide Title] Spina Bifida</p> <p>[Directions] Click each tab to learn more.</p>	<p><i>Each tab will include a click to reveal the layer.</i></p> <p><i>The layers will fade in when clicked.</i></p>

Reviewer Comments/Notes:

Slide LAYER 1.5.A/ Layer Title: What is Spina Bifida?

Visual/ Display	Audio / Voiceover Script	Layer Text:	Layer Animation / Interaction
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<p>Picture from ISBA on the left. with information on the right side.</p> <p>Red bars to split the sections.</p>	<p>It's a type of neural tube defect that occurs when a baby's neural tube fails to develop or close properly – the literal meaning for Spina Bifida is “split spine.” Typically occurring within the first 28 days of pregnancy while the neural tube is forming, Spina Bifida often occurs before a woman knows she is pregnant.</p>	<p>[Layer Title] What is Spina Bifida?</p> <p>Spina Bifida is a birth defect that affects the development of the spine and spinal cord.</p>	<p><i>The layers will fade in when clicked.</i></p>
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Reviewer Comments/Notes:

Slide LAYER 1.5.B/ Layer Title: Treatment

Visual/ Display	Audio / Voiceover Script	Layer Text:	Layer Animation / Interaction
<p>Picture from ISBA on the left. with information on the right side.</p> <p>Red bars to split the sections.</p>	<p>People with Spina Bifida can experience many symptoms that affect their mobility. Some of those symptoms include,</p> <ul style="list-style-type: none"> ● weakness or total paralysis of the legs. ● bowel incontinence and urinary incontinence. ● loss of skin sensation in the legs and around the bottom – the person is unable to feel hot or cold, which can lead to accidental injury. 	<p>[Layer Title] Symptoms</p> <p>Some symptoms include:</p> <ul style="list-style-type: none"> ● weakness or total paralysis of the legs. ● bowel incontinence and urinary incontinence. ● loss of skin sensation in the legs and around the bottom – the child is unable to feel hot or cold, which can lead to accidental injury. 	<p><i>The layers will fade in when clicked.</i></p>

Reviewer Comments/Notes:

Slide LAYER 1.5.C/ Menu Title: Mobility

Visual/ Display	Audio / Voiceover Script	Layer Text:	Slide Animation / Interaction
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Picture from ISBA on the left. with information on the right side. Red bars to split the sections.	People with spina bifida higher on the spine might have paralyzed legs and use wheelchairs. Those with spina bifida lower on the spine might have more use of their legs and use crutches, braces, or walkers, or they might be able to walk without these devices.	[Layer Title] Mobility Types of Assistive Devices <ul style="list-style-type: none"> • Wheelchairs • crutches • braces • walkers 	<i>The layers will fade in when clicked.</i>
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Reviewer Comments/Notes:

Slide LAYER 1.5.D/ Menu Title: Living with Spina Bifida			
Visual/ Display	Audio / Voiceover Script	Layer Text:	Slide Animation / Interaction
Picture from ISBA on the left. with information on the right side. Red bars to split the sections.	Living with Spina Bifida can be challenging, but it's possible to lead a fulfilling life. Individuals with Spina Bifida need support from their families, healthcare professionals, and their communities. Some of the challenges of living with Spina Bifida include mobility, bladder and bowel control, and social isolation.	[Layer Title] Living with Spina Bifida Some of the challenges of living with Spina Bifida include <ul style="list-style-type: none"> • Mobility • Bladder and • Bowel control • Social isolation. 	<i>The layers will fade in when clicked.</i>

Reviewer Comments/Notes:

Slide 1.6/ Menu Title: Knowledge Check - Objective #1			
Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
Multiple selection questions with checkboxes.	None	[Slide Title] Knowledge Check	The learner will be given immediate feedback after their submission.

<p>Red banner for title.</p> <p>Red bars to separate the question from the answers.</p>		<p>[Question] <i>Some children with Spina Bifida require assistive devices to help them increase their mobility. What are some ways a child's mobility can be affected by Spina Bidifa? Select all that apply.</i></p> <p>A. <i>Weakness of Legs (Correct)</i> B. <i>Loss of sensation to hot and cold on the legs (Correct)</i> C. <i>Paralysis (Correct)</i> D. <i>None of the above</i></p>	<p>Correct: That's right! You selected the correct responses. Weakness of legs, loss of sensation to hot and cold, and paralysis are ALL correct answers.</p> <p>Incorrect: You did not select the correct response. Weakness of legs, loss of sensation to hot and cold, and paralysis are ALL correct answers.</p>
<p>Reviewer Comments/Notes:</p>			

Slide 1.7/ Menu Title: GoBabyGo			
Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>GoBabyGo logo along the left side vertically aligned.</p> <p>Pictures will be from the GoBabyGo event last year with fade in and out.</p> <p>Slide ends with GoBabyGo Logo.</p>	<p>“Go Baby Go” is a program that provides modified, ride-on cars to young children with disabilities so they can move around independently.</p> <p>It was started by two professors, Cole Galloway and Sunil Agrawal, who started building power mobility robots that let disabled children explore their surroundings with greater confidence and independence.</p> <p>After exploring very expensive solutions, and an inspiring trip to Toys R Us, Galloway developed a solution that would give access to families that needed it the most.</p> <p>They began retrofitting toy cars to meet the needs of individual children under the age of five who have mobility limitations.</p>	<p>[Slide Title] New Trier High School GoBabyGo</p>	<p><i>Icons & images will fade in and out as the next one enters.</i></p>

	<p>Because of GoBabyGo, children don't have to wait during their critical early years of development for a custom, adaptive mobility device to gain mobility.</p>		
<p>Reviewer Comments/Notes:</p>			

<p>Slide 1.8/ Menu Title: GoBabyGo at New Trier</p>			
<p>Visual/ Display</p>	<p>Audio / Voiceover Script</p>	<p>Slide Text:</p>	<p>Slide Animation / Interaction</p>
<p>A car will move across the screen as it passes points on a timeline.</p>	<p>With generous funding from the New Trier Education Foundation, a group of New Trier High School applied arts students and faculty started a GoBabyGo program in spring 2022.</p> <p>With participant recruitment and intake from Illinois Spina Bifida Association and clinical oversight from Shirley Ryan AbilityLab staff, the first New Trier GoBabyGo build delivered cars to six children with spina bifida.</p> <p>This program team came together again in winter – spring 2023 to build, customize and deliver cars for 28 children with disabilities. The students</p>	<p>[Slide Title] New Trier Program</p> <p>[Directions] <i>Move the car to learn what happens next.</i></p>	<p><i>When each flag is click it will reveal a new layer.</i></p>

	<p>started in January with a program orientation from ISBA staff and clinical experts.</p> <p>The students did the car assembly and rewiring work in February. In March, 2023, 120+ applied arts students came together during three days across two campuses to customize and deliver the cars to the children and their families.</p>		
<p>Reviewer Comments/Notes:</p>			

Slide 1.9/ Menu Title: GoBabyGo Event			
Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>GoBabyGo logo along the left side vertically aligned.</p> <p>Text will appear in a framed box in the center.</p> <p>Play button for promotional video</p>	<p>Each year the Illinois Spina Bifida Association hosts a GoBabyGo Fundraiser, with the help of the Kiwanis Club of River Forest & Oak Park.</p> <p>All students who participate in the GoBabyGo program and their families are welcomed to join in on this amazing event as we help empower children with disabilities through independent mobility.</p> <p>Press play to begin the video.</p>	<p>[Slide Title] New Trier High School GoBabyGo</p> <p>Each year the Illinois Spina Bifida Association hosts a GoBabyGo Fundraiser, with the help of the Kiwanis Club of River Forest & Oak Park.</p> <p>All students who participate in the GoBabyGo program and their families are welcomed to join in on this amazing event as we help empower children</p>	<p>The text will scroll in time with audio.</p> <p>A large play button will appear. The promotional video for GoBabyGo will play when the learner clicks the button.</p>

with disabilities through independent mobility.

Check out our video! Press play to begin

Reviewer Comments/Notes:

Slide 1.10/ Menu Title: Testimonials

Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>ISBA logo across the bottom. with the title banner on the right side.</p> <p>Quotes will scroll across the top.</p>	<p><i>Audio voice will change for each quote.</i></p> <p><i>“It was an excellent program for the families. Thank you for donating cars to all the families. It was very kind.”</i></p> <p><i>“Deirdre loves riding in here car! I can't wait for better weather so she can use it more often. She's still learning, but we have a goal for her to drive it to the park.”</i></p> <p><i>“The GoBabyGo car has provided a stepping stone for my son to practice stop, go, and steering for his future power wheelchair. It also serves as a fun activity in the house and outside for my son to more independently explore and learn about the world around him.”</i></p>	<p>[Slide Title] Family Testimonials</p> <p><i>“Es un excelente programa para las familias. Gracias por la donación de carros a las familias. Todos muy amables.”</i> -Ariceli</p> <p><i>“It was an excellent program for the families. Thank you for donating cars to all the families. It was very kind.”</i> -Ariceli</p> <p><i>“Deirdre loves riding in her car! I can't wait for better weather so she can use it more often. She's still learning, but we have a goal for her to drive it to the park.”</i> -Tobin</p> <p><i>“The GoBabyGo car has provided a stepping stone for my son to practice stop, go, and steering for his future power wheelchair. It also serves as a fun activity in the house and outside for</i></p>	<p><i>The quotes will scroll in time with the audio.</i></p> <p><i>This slide will auto advance when the timeline ends.</i></p>

my son to more independently explore and learn about the world around him”

Reviewer Comments/Notes:

Slide 1.11/ Menu Title: Knowledge Check - Objective #3

Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>Multiple Choice Question.</p> <p>Red banner for title.</p> <p>Red bars to separate the question from the answers.</p>	<p>None</p>	<p>[Slide Title] Knowledge Check</p> <p>[Question] How will your involvement in the GoBabyGo program help children affected with Spina Bifida?</p> <ul style="list-style-type: none"> A. Give families the opportunity to win a new car. B. Help provide access to mobility devices for children during their early developmental years. (Correct) C. Win a Scholarship 	<p>The learner will be given immediate feedback after their submission.</p> <p>Correct: That's right! You will help provide access to mobility devices for children during their early developmental years.</p> <p>Incorrect: You did not select the correct response. Your involvement will help provide access to mobility devices for children during their early developmental years.</p>

Reviewer Comments/Notes:

Slide 1.12/ Menu Title: Get Involved

Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
	<p>Are you interested in getting more involved with the Illinois</p>	<p>[Slide Title] Get Involved</p>	

<p>Gif of website and where to go to "Get Involved".</p>	<p>Spina Bifida Association? Head over to their website at l-sba.org and click on the tab "Get Involved".</p> <p>You can sign up for their email list, Join the team for the Chicago Marathon, and more.</p> <p>One of the best ways to get involved is to volunteer at ISBA. Volunteers are an important part of our organization. We couldn't do all that we do without the support and dedication of our volunteers.</p>		
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Reviewer Comments/Notes:

Slide 1.13/ Menu Title: Thank you

Visual/ Display	Audio / Voiceover Script	Slide Text:	Slide Animation / Interaction
<p>Picture from the ISBA Website</p> <p>Title Banner on the Left</p> <p>Custom Submit button.</p>	<p>Thank you for completing the interactive eLearning course GoBabyGo at New Trier. We look forward to working with all of the students and families at New Trier to help make a difference in the lives of children affected with Spina Bifida.</p> <p>Please click the submit button to exit this course.</p>	<p>[Slide Title] Thank you!</p> <p>Illinois Spina Bifida Association New Trier High School</p> <p>[Button] Submit</p>	<p><i>Exit button will exist course</i></p>

Reviewer Comments/Notes:

