

LUNCH TIME TECH CLUB ACTIVITIES

Spheros



Sessional Workshop Activities

Activity Number	Target Audience	Name & Description of Activity	Resources	Links
1.	First time users	How To... Tutorials on the app and then using the different ways on the app use bowling pins and cones.	<ul style="list-style-type: none"> • Bowling pins • Cones • App preinstalled on mobile device • Check list of skills 	
2.	Grade Levels: 1 – 2 Age Range: 6 – 8 year olds	Long jump Create a long jump event by creating the longest roll.	<ul style="list-style-type: none"> • Markers • Measuring equipment 	https://edu.sphero.com/cwists/preview/5646x
3.	Grade Levels: 1 - 3 Age Range: 6 – 9 year olds	Sumo Wrestling Create a sumo suit and try to knock your opponent out of the ring.	<ul style="list-style-type: none"> • Sumo suit or paper to create one • Material to create a ring/boundary 	https://edu.sphero.com/cwists/preview/104x
4.	Grade Levels: 3 - 4 Age Range: 9-12 year olds	Sphero Easter Egg Hunt Sphero pushes the eggs into the baskets.	<ul style="list-style-type: none"> • Mini Easter Eggs • Baskets/containers 	https://edu.sphero.com/cwists/preview/3344x
5.	Grade Levels: 3 and above Age Range: 9+ year olds	Soccer Game Make a soccer pitch and code the mini spheros to play soccer.	<ul style="list-style-type: none"> • Materials to create a soccer pitch 	https://www.youtube.com/watch?v=Vr-VC8Su1UY

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6.	Grade Levels: 3 and above Age Range: 9+ year olds	Bullseye Code the Sphero to roll onto the bullseye – players win points.	<ul style="list-style-type: none">• Target	https://edu.sphero.com/cwists/preview/114x
7.	Grade Levels: 3 and above Age Range: 9-12 year olds	Giant Maze Create a maze then code the Sphero to go through the maze.	<ul style="list-style-type: none">• Resource to create gird (Masking tape/string)	https://edu.sphero.com/cwists/preview/38017x
8.	Grade Levels: 4-6 Age Range: 9+ year olds	Sphero Around the World Code sphero to complete different challenges to travel to different continents.	<ul style="list-style-type: none">• Map of the world• Challenge cards (found within the link)	https://edu.sphero.com/cwists/preview/21024x
9.	Grade Levels: 4-6 above Age Range: 9-12 year olds	Battle ships Create a large battleship gird and code the sphero to move to the different points.	<ul style="list-style-type: none">• Grid numbers and letters• Resource to create gird (Masking tape/string)	https://edu.sphero.com/cwists/preview/973x
10.	Grade Levels: 5 and 6 Age Range: 9-12 year olds	Jump Ramp Code the sphero to go up a ramp and land in a container or on a target.	<ul style="list-style-type: none">• Ramp (to be made from cardboard)• Container or mark to show landing spot.	https://edu.sphero.com/cwists/preview/23148x

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Project Based Activities

Activity Number	Target Audience	Name & Description of Activity	Resources	Links
1.	Grade Levels: 3 and 4 Age Range: 8-9 year olds	Race Day Create a relay race with the mini spheros. Team that completes the relay in the quickest time wins.	<ul style="list-style-type: none">• Storyboard planner• Code Planner	
2.	Grade Levels: 5 and 6 up Age Range: 10-12 year olds	ACS Amazing Race Create a collection of activities that participants have to complete in order to move through the office and	<ul style="list-style-type: none">• Storyboard plan• Activity/Event Planner	
3.	Grade Levels: 5 and 6 up Age Range: 10-12 year olds	Hole In One Create a mini golf course and participations need to code the sphero through the mini golf course.	<ul style="list-style-type: none">• Activity/Event planner	https://edu.sphero.com/cwists/preview/143x
4.	Grade Levels: 5 and 6 up Age Range: 10-12 year olds	Delivery Robotics Use the concept of automatic delivery robots to create one using spheros.	<ul style="list-style-type: none">• Activity/Event planner	