

Camera Mouse Activities 2018

Boston College
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Introduction:

Hello and welcome to Camera Mouse! This document is designed to introduce games that are commonly used at the Campus School at Boston College by Assistive Technology Specialist Sarah Parker. They all are compatible with Camera Mouse.

About the Campus School:

For more than four decades, The Campus School at Boston College has recognized the potential in children ages 3–21 with multiple disabilities and complex healthcare needs through its personalized approach to special education.


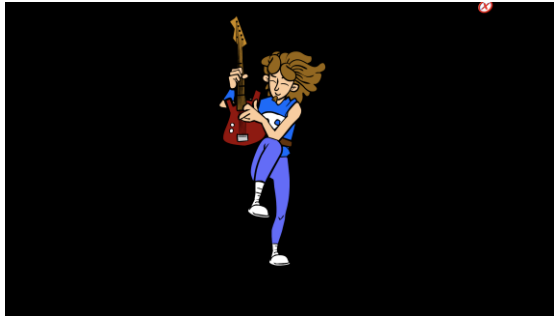
Together with families, our teachers, therapists and nursing staff work across disciplines to create a supportive and welcoming environment where every student can reach their full potential.



For more information about the Campus School: <https://www.bc.edu/bc-web/schools/lsoe/sites/campus-school.html>



Directions: The following chart is comprised of nine categories of progression steps with Camera Mouse compatible games. The games listed to the right of the progression steps are considered exemplary samples of the step explained before it. If the player finds the example game for one progression step appropriate for their abilities, the second chart included in this document lists more games in each category used at the Campus School.


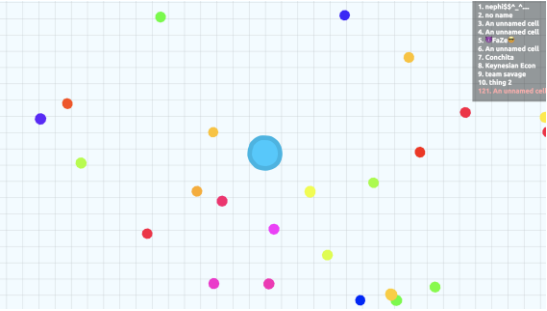
****Progression steps are not representative for the skills of many players. Every player is different and this is often not an exact progression.**


Progression Chart:

#	Progression Step Title	Progression Step Explanation	Progression Step Example
1.	Cause and Effect	<ul style="list-style-type: none"> ● No choices ● Experiential 	<p>Virtual Bubble Wrap</p> <p>Click bubble wrap to pop it.</p> 
2.	Single Target 1	<ul style="list-style-type: none"> ● Single target ● Blank field 	<p>Peeping Musicians</p> <p>Select the hiding musician to hear them play music.</p> <p>Requires HelpKidzLearn account.</p> 

3.	Single Target 2	<ul style="list-style-type: none"> ● Single target ● With background 	<p>Bowling</p> <p>Have fun bowling while also learning simple subtraction.</p> <p>Requires Starfall subscription.</p> 
4.	Multiple Targets 1	<ul style="list-style-type: none"> ● Multiple targets ● Movement options ● No desired answer ● Options of what to select ● Building 	<p>Bottles</p> <p>Try to knock the green bottles off the wall to make the computer sing.</p> <p>Requires Poisson Rouge account.</p> 

<p>5.</p>	<p>Multiple Targets 2</p>	<ul style="list-style-type: none"> ● Multiple targets ● All selectable choices correct ● One desired answer ● Errorless 	<p>Matching Animal Forms</p> <p>Match the animals to their shadows.</p> 
<p>6.</p>	<p>Multiple Targets 3</p>	<ul style="list-style-type: none"> ● Multiple targets ● Can click incorrect answer ● Assessment 	<p>Make a Match</p> <p>Match the word with the picture.</p> <p>Requires Starfall account.</p> 

7.	Process	<ul style="list-style-type: none"> ● Steps ● Sequential order 	<p>Aunty Maggie's Recipe</p> <p>Select ingredients to make a potion.</p> <p>Requires HelpKidzLearn account.</p> 
	Other	<ul style="list-style-type: none"> ● Do not fall into any other steps ● Most more advanced and involve aiming 	<p>Agario</p> <p>Eat the small dots without being eaten by the big dots.</p> 


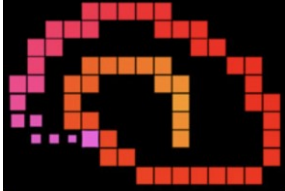
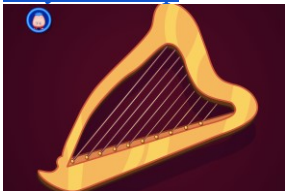
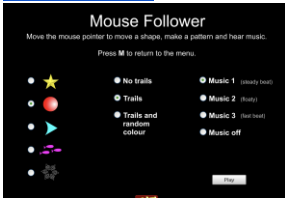

<p>Double player</p>	<ul style="list-style-type: none"> ● Two or more players ● May need switch 	<p>Basketball</p> <p>Shoot hoops and compete against the computer or your buddy by using a switch.</p> <p>Requires HelpKidzLearn account.</p> 
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- **Most of these activities can be made errorless with exclusions. (See below.)
- **Exclusions refer to the settings in the Exclude tab of Camera Mouse 2018.
- **Most exclusions should be tailored to player’s individual range of motion, etc.
- **The exclusions change based on screen resolution. The computer used to generate the example exclusions listed below has 1920x1080 pixels per inch resolution.
- **Most online games require the clicking feature of Camera Mouse.




Other Games:

Game name and Link	Game Explanation	Notes	Exclusions
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1. Cause and Effect

<p>Virtual Bubble Wrap</p> 	<p>Click bubble wrap to pop it.</p>		<p>8 25 25 9</p>
<p>Hidden Grid Color Dots</p> 	<p>Click on the black screen to play music as dots appear.</p>	<p>Requires HelpKidzLearn account</p>	<p>12 17 17 5</p>
<p>Play the Harp</p> 	<p>Strum the strings of the harp to play music.</p>		<p>8 25 21 5</p>
<p>Music Trail</p> 	<p>Move the mouse to create music.</p>		<p>8 0 0 4</p>
<p>Feed the Frog</p> 	<p>Feed flies to the frog.</p>		<p>8 0 0 4</p>



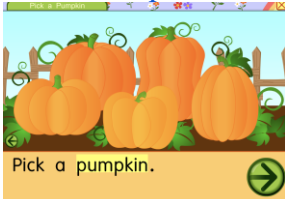

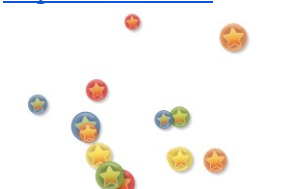

2. Single Target 1

<p>Peeping Musicians</p> 	<p>Select the hiding musician to hear them play music.</p>	<p>Requires HelpKidzLearn account</p>	<p>12 17 17 4</p>
<p>Touch to Jump</p> 	<p>Touch the musicians as they appear on the screen to hear them play music.</p>	<p>Requires HelpKidzLearn account</p>	<p>40 23 22 30</p>
<p>Ian Bean Website > Register/Member's Portal</p> 	<p>Download film, tv, and music themed single target activities.</p>	<p>Free sign up</p>	<p>10 10 10 10</p>

3. Single Target 2

<p>Bowling</p> 	<p>Have fun bowling while also learning simple subtraction.</p>	<p>Requires Starfall subscription</p>	<p>35 40 40 6</p>
<p>Red Planes Activity 1</p> 	<p>Count along with the number of planes.</p>	<p>Requires HelpKidzLearn account</p>	<p>8 6 6 4</p>



4. Multiple Targets 1

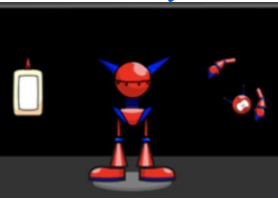



<p>Bottles</p> 	<p>Try to knock the green bottles off the wall to make the computer sing.</p>	<p>Requires Poisson Rouge account</p>	<p>48 15 15 31</p>
<p>Splat</p> 	<p>Follow and target the bugs, aliens, and fruit to splat them away.</p>	<p>Requires HelpKidzLearn account</p>	<p>10 20 20 8</p>
<p>Pick a Pumpkin</p> 	<p>Pick a pumpkin and make it into a jack-o-lantern.</p>		<p>13 16 17 8</p>
<p>Owl Bubbles</p> 	<p>Pop the bubbles to let the owls fly away.</p>		<p>27 24 25 20</p>
<p>Pop the Bubbles</p> 	<p>Click on the bubbles as they appear to collect the stars.</p>	<p>Requires HelpKidzLearn account</p>	<p>20 20 20 10</p>
<p>Virtual Legos</p> 	<p>Click to drop the Legos and build towers.</p>		<p>8 0 0 4</p>

<p>Birds</p> 	<p>Move mouse around to hear birds chirp.</p>	<p>Turn clicking off Requires Poisson Rouge account</p>	<p>9 12 13 4</p>
<p>Big Trucks</p> 	<p>Click on the truck to make it move.</p>	<p>Requires HelpKidzLearn account</p>	<p>8 13 13 4</p>
<p>Air Hockey</p> 	<p>Game of reaction and skill, challenge the computer.</p>	<p>Turn clicking off</p>	<p>22 0 20 30</p>
<p>Gophers</p> 	<p>Try to hit the gophers on the head with a mallet when they pop out of their holes.</p>	<p>Requires HelpKidzLearn account</p>	<p>36 17 20 10</p>
<p>Snowman</p>  <p>Help your snowman sing.</p>	<p>Build your own snowman.</p>	<p>Requires Starfall account</p>	<p>13 16 17 8</p>
<p>Card Maker</p> 	<p>Make a card for a friend when there is a special event.</p>	<p>Requires HelpKidzLearn account</p>	<p>14 17 17 4</p>


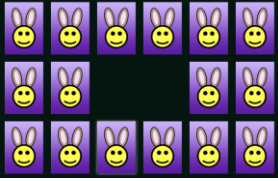
<p>Gingerbread builder</p> 	<p>Pick shapes and colors to decorate a gingerbread man.</p>	<p>Requires Starfall account</p>	<p>15 17 18 4</p>
<p>Silly Turkey</p>  <p>Add a hat to the silly turkey.</p>	<p>Pick outfit for the turkey.</p>	<p>Requires Starfall account</p>	<p>13 16 17 8</p>
<p>Pop Pop Win</p> 	<p>Pop bubbles near bombs.</p>		<p>20 30 30 12</p>


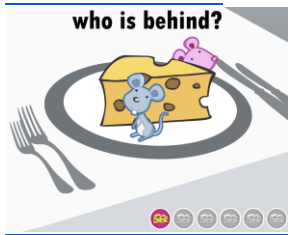

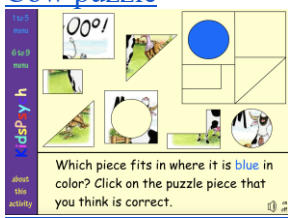
5. Multiple Targets 2

<p>Matching Animal Forms</p> 	<p>Match the animals to their shadows.</p>		<p>25 24 25 10</p>
<p>Basketball</p> 	<p>Shoot hoops and compete against the computer.</p>	<p>Requires HelpKidzLearn account</p>	<p>40 25 54 9</p>

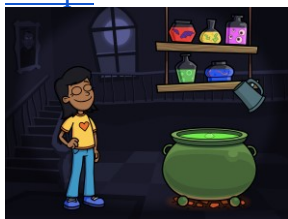
<p>Robot Factory</p> 	<p>Switch between glue and parts to build robot.</p>	<p>Requires HelpKidzLearn account</p>	<p>30 15 15 25</p>
<p>Harry Potter Potion</p> 			<p>37 31 32 11</p>
<p>Healthy Food Hunt</p> 	<p>Search for specific foods within a shelf.</p>		<p>10 31 32 37</p>
<p>Red Planes Activity 2</p> 	<p>Count along with the number of planes.</p>	<p>Requires HelpKidzLearn account</p>	<p>8 5 6 5</p>


6. Multiple Targets 3

<p>Make a Match</p> 	<p>Match the word with the picture.</p>	<p>Requires Starfall account</p>	<p>18 23 24 28</p>
<p>Easter Egg Match</p> 	<p>Match the Easter Eggs.</p>		<p>30 29 30 22</p>

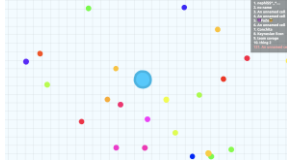




<p>Memory Pairs</p> 	<p>Select the number of cards and the category for a matching game.</p>	<p>Requires HelpKidzLearn account</p>	<p>16 20 20 15</p>
<p>Directions Game who is behind?</p> 	<p>Learn direction words.</p>		<p>15 28 36 34</p>
<p>Outer space</p> 	<p>Select the UFO with the alien inside.</p>	<p>Requires Poisson Rouge account</p>	<p>20 15 15 30</p>
<p>Cow puzzle</p> 	<p>Arrange the puzzle pieces to form a picture.</p>		<p>10 24 17 30</p>

7. Process


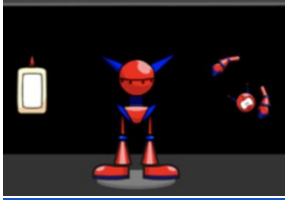
<p>Aunty Maggie's Recipe</p> 	<p>Select ingredients to make a potion.</p>	<p>Requires HelpKidzLearn account</p>	<p>10 0 16 0</p>

<p>Pick Up Leaves</p> 	<p>Click on the leaves to pick them off the group and click again to drop them in the compost bin.</p>		<p>10 11 4 5</p>
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Other

<p>Agario</p> 	<p>Eat the small dots without being eaten by the big dots.</p>		<p>8 0 0 13</p>
<p>Sculpt</p> 	<p>Click on the stone to chip it away and reveal a sculpture.</p>	<p>Can be difficult to get the last few pieces</p>	<p>22 40 41 20</p>
<p>Halloween Trick or Treat</p> 	<p>Click to scare the trick-or-treaters under you to steal their candy.</p>		<p>37 35 35 20</p>
<p>Skeleton Cannon</p> 	<p>Aim and click to shoot the skeleton out of the cannon and see how far he goes.</p>		<p>0 38 30 20</p>
<p>Naval Strike</p> 	<p>Line up the airplane and shoot.</p>	<p>Needs constant clicking</p>	<p>25 35 36 38</p>

Double Player

<p>Basketball</p> 	<p>Shoot hoops and compete against your buddy.</p>	<p>Requires HelpKidzLearn account</p>	<p>40 25 0 9</p>
<p>Robot Factory</p> 	<p>Switch between glue and parts to build robot.</p>	<p>Requires HelpKidzLearn account</p>	<p>37 0 20 24</p>

Account programs:

HelpKidzLearn	“Online learning for Special Education HelpKidzLearn - the home of accessible software, enabling children of all abilities to play, develop and achieve.”
Poisson Rouge	“The Red Fish site has been online and growing since 1999. It contains over 300 games and activities to suit all. There is no text, there are no explanations, everything is free-form and children find their way around as soon as they can hold a mouse.”
Starfall	“The Starfall Website is a program service of Starfall Education Foundation, a publicly supported nonprofit organization, 501(c)(3)... Starfall is an educational alternative to other entertainment choices for children. Our low-cost membership program expands the free content you already enjoy to include delightfully animated songs, mathematics, and reading activities spanning pre-k to 2nd grade.”
SENict by Ian Bean	“SENICT [is] the web site of Ian Bean, former teacher and ICT coordinator at Priory Woods School, Inclusive Technology's Consultancy and Training Manager now Independent Special Needs ICT consultant and trainer specialising in the use of ICT and assistive technology to support learners of all ages with severe and complex additional needs.”
Owlieboo	Contains a “first series of very simple computer games that could be handled by toddlers and young children: by just pressing any key whatsoever, something happens on the computer screen,” and a “second series of games: by just moving the mouse, kids can achieve some simple, fun goals. Finally, once kids have mastered the first two series, they are ready for the third series of games, which involve clicking and dragging objects.”