














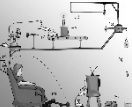












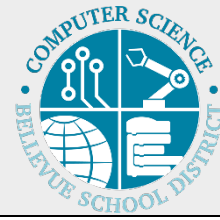




<b>WEEK 1</b> Creating Robots and Clones	<b>Tuesday, July 6<sup>th</sup></b> 9:30-11:30am on Teams			<b>Thursday, July 8<sup>th</sup></b> 9:30-11:30am on Teams		
	<b>Computer Science &amp; Coding:</b> <i>Creating Clones</i>			<b>STEM:</b> <i>Design a Robot with Household Materials</i>		
		Join the meeting	<a href="https://tinyurl.com/BSDSTEM1">tinyurl.com/BSDSTEM1</a>		Join the meeting	<a href="https://tinyurl.com/BSDSTEM2">tinyurl.com/BSDSTEM2</a>
		Share what you made on Flipgrid!	<a href="https://flipgrid.com/6f23df87">flipgrid.com/6f23df87</a>		Share what you made on Flipgrid!	<a href="https://flipgrid.com/a7181f27">flipgrid.com/a7181f27</a>
	Material ideas for this week's sessions: <a href="https://tinyurl.com/BSDSTEMweek1">tinyurl.com/BSDSTEMweek1</a>					
<b>WEEK 2</b> Exploring How Sound Works	<b>Tuesday, July 13<sup>th</sup></b> 9:30-11:30am on Teams			<b>Thursday, July 15<sup>th</sup></b> 9:30-11:30am on Teams		
	<b>Computer Science &amp; Coding:</b> <i>Scratch Music Festival—Code a Concert</i>			<b>STEM:</b> <i>Making Sound Travel—Sound and Vibration</i>		
		Join the meeting	<a href="https://tinyurl.com/BSDSTEM3">tinyurl.com/BSDSTEM3</a>		Join the meeting	<a href="https://tinyurl.com/BSDSTEM4">tinyurl.com/BSDSTEM4</a>
		Share what you made on Flipgrid!	<a href="https://flipgrid.com/d872d926">flipgrid.com/d872d926</a>		Share what you made on Flipgrid!	<a href="https://flipgrid.com/8072f5bc">flipgrid.com/8072f5bc</a>
	Material ideas for this week's sessions: <a href="https://tinyurl.com/BSDSTEMweek2">tinyurl.com/BSDSTEMweek2</a>					
<b>WEEK 3</b> Designing Chain Reaction	<b>Tuesday, July 20<sup>th</sup></b> 9:30-11:30am on Teams			<b>Thursday, July 22<sup>nd</sup></b> 9:30-11:30am on Teams		
	<b>Computer Science &amp; Coding:</b> <i>Broadcasting a Chain Reaction</i>			<b>STEM:</b> <i>Build Your Own Rube Goldberg Machine</i>		
		Join the meeting	<a href="https://tinyurl.com/BSDSTEM6">tinyurl.com/BSDSTEM6</a>		Join the meeting	<a href="https://tinyurl.com/BSDSTEM5">tinyurl.com/BSDSTEM5</a>
		Share what you made on Flipgrid!	<a href="https://flipgrid.com/8072f5bc">flipgrid.com/8072f5bc</a>		Share what you made on Flipgrid!	<a href="https://flipgrid.com/ecec2302">flipgrid.com/ecec2302</a>
	Material ideas for this week's sessions: <a href="https://tinyurl.com/BSDSTEMweek3">tinyurl.com/BSDSTEMweek3</a>					
<b>WEEK 4</b> Bridging the Gap Engineering	<b>Tuesday, July 27<sup>th</sup></b> 9:30-11:30am Teams			<b>Thursday, July 29<sup>th</sup></b> 9:30-11:30am on Teams		
	<b>Computer Science &amp; Coding:</b> <i>Design a MakeCode Arcade Side Scroller Game</i>			<b>STEM:</b> <i>Design a Bridge and Test It!</i>		
		Join the meeting	<a href="https://tinyurl.com/BSDSTEM7">tinyurl.com/BSDSTEM7</a>		Join the meeting	<a href="https://tinyurl.com/BSDSTEM8">tinyurl.com/BSDSTEM8</a>
		Share what you made on Flipgrid!	<a href="https://flipgrid.com/d8166fa9">flipgrid.com/d8166fa9</a>		Share what you made on Flipgrid!	<a href="https://flipgrid.com/18774189">flipgrid.com/18774189</a>
	Material ideas for this week's sessions: <a href="https://tinyurl.com/BSDSTEMweek4">tinyurl.com/BSDSTEMweek4</a>					

# BSD Summer Coding & STEM Series!

July 6<sup>th</sup> – July 29<sup>th</sup>



<b>What is it?</b>	<p>The <i>BSD Summer STEM Series</i> is a collection of fun, creative coding and STEM challenges to keep students learning and exploring this summer. Sessions will be Live Teams Events.</p> <p>A presenter will host the event, sharing information about the weekly topic and modelling the self-guided activity for kids to try out at home.</p> <p>A calendar event will automatically appear on students' calendar in Teams. The links in this document can also be used to join the live event on Teams and be able to share what you and others create on Flipgrid afterwards.</p>
<b>Who is it for?</b>	<p>This summer opportunity is part of the Computer Science program at <b>Ardmore, Lake Hills, Sherwood Forest, Stevenson, and Wilburton</b> Elementary Schools.</p> <p>The program is for <b>current 2<sup>nd</sup> – 5<sup>th</sup> grade students</b> at these schools.</p>
<b>When is it?</b>	<p>Sessions will be every <b>Tuesday</b> and <b>Thursday</b> from 9:30-11:30am during <b>July</b>.</p> <p><b>Tuesday</b> will focus on Computer Science and coding. <b>Thursday</b> will have hands-on STEM exploration challenges.</p>
<b>Where?</b>	<p>Join and learn from wherever you are! Sessions will be live events on Teams. Simply use the calendar event on Teams or click on the links from this document next to  <b>“Join the meeting”</b> to view the live event for that date.</p>
<b>Do I need to sign up?</b>  <b>Do I need to commit to all of these sessions?</b>	<p>No, you don't need to sign up or commit to all sessions. This is designed to be a fun, flexible summer opportunity for students to keep learning.</p> <p>We recognize that family schedules can be complicated during the summer. Join however many you can. We'd love to have you there and see what you create!</p>
<b>What do I need?</b>	<p>We highly recommend using the student's BSD laptop. Students will need their district username and password, as well as Scratch Desktop for coding challenges.</p> <p>The Thursday STEM challenges aim to be resourceful—as in, use what you have available around you! With a little planning, families could start collecting or recycling day-to-day materials.</p> <p>Check out the  <b>“Material Ideas”</b> link in advance to keep an eye out for household materials you might be able to (re)use. The material lists will be up-to-date no later than the week before the session.</p>
<b>Questions about the program?</b>	<p><b>Bryant Yavorski</b> Lake Hills Computer Science Specialist <a href="mailto:yavorskib@bsd405.org">yavorskib@bsd405.org</a></p>