

# mASD Grade 8 At-Home Learning Guide

Day 1	Day 2	Day 3	Day 4	Day 5
<p><b>Reading</b>  <b>Online Learning:</b>                      i-Ready Reading- 30 minutes                      Lexia- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Text: "Katherine the Great"</b></p> <p><i>Day 1 Before you read: One woman worked for NASA as a math expert. She started in the 1950s at a time when women and minorities were often discouraged from pursuing high-level jobs. What do you think?</i></p> <p><i>If you can imagine it, you can achieve it.</i></p> <p><i>Do you agree or disagree?</i></p>	<p><b>Reading</b>  <b>Online Learning:</b>                      i-Ready Reading- 30 minutes                      Lexia- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Text: "Katherine the Great"</b>  <b>Day 2: Cold read the text for the following vocabulary and use context clues to determine the meaning: Conversant, dissuade, prodigy, trajectory</b></p>	<p><b>Reading</b>  <b>Online Learning:</b>                      i-Ready Reading- 30 minutes                      Lexia- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Text: "Katherine the Great"</b>  <b>Day 3: Read and annotate the text for the main idea and details.</b></p>	<p><b>Reading</b>  <b>Online Learning:</b>                      i-Ready Reading- 30 minutes                      Lexia- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Text: "Katherine the Great"</b>  <b>Day 4: Answer the questions to the text</b></p>	<p><b>Reading</b>  <b>Online Learning:</b>                      i-Ready Reading- 30 minutes                      Lexia- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Text: "Katherine the Great"</b>  <b>Day 5: Describe Katherine Johnson's work at NASA and how she helped lead the way for both women and African Americans to succeed in math and other technical fields. Use facts and details from the lesson in your response.</b></p>
<p><b>Math</b>  <b>Online Learning:</b>                      i-Ready Math- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Complete Day 1</b></p>	<p><b>Math</b>  <b>Online Learning:</b>                      i-Ready Math- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Complete Day 2</b></p>	<p><b>Math</b>  <b>Online Learning:</b>                      i-Ready Math- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Complete Day 3</b></p>	<p><b>Math</b>  <b>Online Learning:</b>                      i-Ready Math- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Complete Day 4</b></p>	<p><b>Math</b>  <b>Online Learning:</b>                      i-Ready Math- 30 minutes                      Virtual Learning Resource List</p> <p><b><u>S.W.A.G. Pack</u></b>  <b>Complete Day 5</b></p>

<p><b>Science</b></p> <p><b>Online Learning:</b> Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> Reading Science: Read “The Electromagnetic Spectrum” (pgs. 1-2). Complete the questions on pages 3-4.</p>	<p><b>Science</b></p> <p><b>Online Learning:</b> Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> Complete multiple-choice questions 1-5. (pgs.5-8)</p>	<p><b>Science</b></p> <p><b>Online Learning:</b> Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> Review page 6, #2. On a separate sheet of paper, write a paragraph to explain the importance of radio waves on computer technology. Share your paragraph with a family member.</p>	<p><b>Science</b></p> <p><b>Online Learning:</b> Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> Claim-Evidence-Reasoning (CER): Review the external data on page 10. Complete the prompt provided. Shared your scientific explanation with a family member.</p>	<p><b>Science</b></p> <p><b>Online Learning:</b> Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> Claim-Evidence-Reasoning (CER): Read the rubric on page 12 and complete the Claim, Evidence, and Reasoning on page 11.</p>
Day 6	Day 7	Day 8	Day 9	Day 10
<p><b>Reading</b></p> <p><b>Online Learning:</b> i-Ready Reading- 30 minutes Lexia- 30 minutes Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> <i>Text: “A Musical Pioneer”</i> <i>Day 1 Before you read: In the world of classical music, most conductors are men and there are few conductors of color. But South Africa’s Ofentse Pitse stands out. She’s a young, black, female conductor. What do you think?</i></p> <p><i>People who are willing to stand out help to bring about change.</i></p> <p><i>Do you agree or disagree?</i></p>	<p><b>Reading</b></p> <p><b>Online Learning:</b> I-Ready Reading- 30 minutes Lexia- 30 minutes Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> <i>Text: “A Musical Pioneer”</i> <i>Day 2: Cold read the text for the following vocabulary and use context clues to determine the meaning: Ludicrous, polymath</i></p>	<p><b>Reading</b></p> <p><b>Online Learning:</b> i-Ready Reading- 30 minutes Lexia- 30 minutes Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> <i>Text: “A Musical Pioneer”</i> <i>Day 3: Read and annotate the text for the main idea and details.</i></p>	<p><b>Reading</b></p> <p><b>Online Learning:</b> i-Ready Reading- 30 minutes Lexia- 30 minutes Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> <i>Text: “A Musical Pioneer”</i> <i>Day 4: Answer the questions to the text</i></p>	<p><b>Reading</b></p> <p><b>Online Learning:</b> i-Ready Reading- 30 minutes Lexia- 30 minutes Virtual Learning Resource List</p> <p><b>S.W.A.G. Pack</b> <i>Text: “A Musical Pioneer”</i> <i>Day 5: Retell this story from the perspective of a journalist who is interviewing Ofentse Pitse. Indicate what questions the reporter might ask Pitse, as well as the answers she might give. Be sure to include information from the Article, as well as vocabulary terms and descriptive phrases, in your response.</i></p>

<p><b>Math</b></p> <p><u>Online Learning:</u> i-Ready Math- 30 minutes Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u> Complete Day 6</p>	<p><b>Math</b></p> <p><u>Online Learning:</u> i-Ready Math- 30 minutes Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u> Complete Day 7</p>	<p><b>Math</b></p> <p><u>Online Learning:</u> i-Ready Math- 30 minutes Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u> Complete Day 8</p>	<p><b>Math</b></p> <p><u>Online Learning:</u> i-Ready Math- 30 minutes Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u> Complete Day 9</p>	<p><b>Math</b></p> <p><u>Online Learning:</u> i-Ready Math- 30 minutes Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u> Complete Day 10</p>
<p><b>Science</b></p> <p><u>Online Learning:</u> Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u></p> <p><u>Open-Ended Response:</u> Complete page13.</p>	<p><b>Science</b></p> <p><u>Online Learning:</u> Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u></p> <p><u>Open-Ended Response:</u> Complete page 14.</p>	<p><b>Science</b></p> <p><u>Online Learning:</u> Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u></p> <p><u>Independent Practice:</u> Complete Part 1Fill in the Blank on page 15.</p>	<p><b>Science</b></p> <p><u>Online Learning:</u> Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u></p> <p><u>Independent Practice:</u> Complete Part II: Riddle on page 16.</p>	<p><b>Science</b></p> <p><u>Online Learning:</u> Virtual Learning Resource List</p> <p><u>S.W.A.G. Pack</u></p> <p><u>Draw a wave and label the following:</u></p> <ol style="list-style-type: none"> <li><u>wavelength</u></li> <li><u>amplitude</u></li> <li><u>crest</u></li> <li><u>trough</u></li> </ol> <p><u>Share your drawing with a family member.</u></p>