

SKILLS AND RESOURCES PACKAGE FOR NEW FAMILIES

DEPARTMENT	SKILLS NEEDED FOR SEPTEMBER	RESOURCES (web links, worksheets, workbooks, sample assignments)
<p>ENGLISH Grades 4,5,6</p>	<p>Reading</p> <ul style="list-style-type: none"> • Able to read independently from a variety of sources (graphic novels, comics, short novels, etc.) for a minimum of 15-20 minutes at a time • Begin to develop critical thinking skills related to reading (connections to self, texts, world, able to transform thinking based on reading, etc.) <p>Writing</p> <ul style="list-style-type: none"> • Able to write using clear sentence structure • Begin to write multi-paragraph pieces (public speaking project, etc.) • Begin to develop editing skills (self, peer, technology) <p>Speaking and Listening</p> <ul style="list-style-type: none"> • Develop active listening skills through class discussions and smaller group activities • Develop confident speaking skills through small group discussions and larger presentations (public speaking project, etc.) 	<ul style="list-style-type: none"> • Read, read, read! Any source is a good source, especially for summer reading pleasure. Course specific reading lists published soon. Click HERE for the Ashbury summer reading list from the library. • Write daily in any form (creative, journal, etc). Click HERE for grammar practice for a wide range of grades. • Click HERE for sample JS public speaking presentations from this year's JS virtual celebration.
<p>ENGLISH Grades 7, 8</p>	<p>Reading</p> <ul style="list-style-type: none"> • Able to read independently from a variety of sources (graphic novels, comics, short novels, etc) for a minimum of 15-20 minutes at a time • Further develop critical thinking skills related to reading (connections to self, texts, world, able to transform thinking based on reading, etc.) <p>Writing</p> <ul style="list-style-type: none"> • Continue to write clearly at the sentence and paragraph level • Begin to develop longer pieces of writing, including five paragraph essays and creative short stories • Further develop editing skills (self, 	<ul style="list-style-type: none"> • Read, read, read! Any source is a good source, especially for summer reading pleasure. Course specific reading lists published soon. Click HERE for the Ashbury summer reading list from the library. • Write daily in any form (creative, journal, etc). Click HERE for grammar practice for a wide range of grades. • Click HERE for sample JS public speaking presentations from this year's JS virtual celebration.

	<p>peer, technology)</p> <p>Speaking and Listening</p> <ul style="list-style-type: none"> • Practice active listening skills through class discussions and smaller group activities • Further develop confident speaking skills through small group discussions and larger presentations (public speaking project, etc.) 	
<p>MATHEMATICS Grades 4,5,6</p>	<p>Number Sense and Numeration</p> <ul style="list-style-type: none"> • Read, represent, compare, and order whole numbers and decimal numbers • Solve problems involving multiplication, division, addition and subtraction of whole and decimal numbers • Develop an understanding of relationships involving percent, ratio, and unit rate. <p>Measurement</p> <ul style="list-style-type: none"> • Estimate, measure, and record quantities, using the metric measurement system; and • Determine the relationships among units and measurements, including area, perimeter and volume. <p>Geometry and Spatial Sense</p> <ul style="list-style-type: none"> • Classify polygons and measure angles; • Sketch three-dimensional figures, and construct three-dimensional figures from drawings; • Plot points in the coordinate system and transform shapes. <p>Patterning and Algebra</p> <ul style="list-style-type: none"> • Describe and represent relationships in growing and shrinking patterns; 	<p>Students can check their readiness by taking an online quiz:</p> <ul style="list-style-type: none"> • Entering grade 4 • Entering grade 5 • Entering grade 6 <p>Workbooks such as jump math are a great way to practice skills in computation and logical thinking.</p> <p>Click HERE to practice timetables</p> <p>Click HERE for grade level math practice in all learning categories</p>

	<ul style="list-style-type: none"> • Develop an understanding of variables in simple algebraic expressions and equations to describe relationships. <p>Data Management and Probability</p> <ul style="list-style-type: none"> • Collect and organize data and display the data using charts and graphs; • Explain relationships between sets of data; • Determine the probability of an outcome in an experiment. 	
<p>MATHEMATICS Grades 7,8</p>	<p>Number Sense and Numeration</p> <ul style="list-style-type: none"> • Represent, compare, and order numbers, including integers; • Add, subtract, multiply and divide fractions and integers, and solve problems involving whole numbers and decimal numbers; • Use percent, ratio, and rate to represent proportional relationships. <p>Measurement</p> <ul style="list-style-type: none"> • Determine the relationships among units • Apply formulas for surface area and volume. <p>Geometry and Spatial Sense</p> <ul style="list-style-type: none"> • Classify triangles, quadrilaterals, and prisms; • Distinguish similarity and congruence; • Graph points in the four quadrants of a coordinate system; • apply transformations to polygons or create and analyse designs. <p>Patterning and Algebra</p> <ul style="list-style-type: none"> • Represent linear growing patterns using concrete materials, graphs, and algebraic expressions • Model real-life linear relationships graphically and algebraically, and solve simple algebraic equations 	<p>Students can check their readiness by taking an online quiz:</p> <ul style="list-style-type: none"> • Entering grade 7 • Entering grade 8 <p>Workbooks such as jump math are a great way to practice skills in computation and logical thinking.</p> <p>Click HERE to practice timetables</p> <p>Click HERE for grade level math practice in all learning categories</p>

	<p>Data Management and Probability</p> <ul style="list-style-type: none">• Collect and organize data and display the data using charts and graphs, including relative frequency tables and circle graphs;• Make and evaluate convincing arguments, based on the analysis of data;• Compare experimental probabilities with theoretical probability of an outcome	
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