

EXTENDING - APPROACHES TO LEARNING SCIENCES – Students in Grade 10 are learning to:

<i>Work Habits</i>	<i>Collaboration</i>	<i>Communication</i>	<i>Information Literacy</i>	<i>Reflection</i>	<i>Thinking</i>	<i>Connecting Ideas</i>
<p><u>Organization</u></p> <ul style="list-style-type: none"> - Be responsible and independent - Take notes - Be systematic <p><u>Time Management</u></p> <ul style="list-style-type: none"> - Make and keep appointments - Schedule priorities - Meet deadlines - Identify various ways to complete projects - Breakdown assignments and projects into tasks - Apply a process to achieve results <p><u>Motivation and Engagement</u></p> <ul style="list-style-type: none"> - Take responsible risks - Initiate and maintain inquiry - Accept and give constructive feedback - Create new ideas - Discuss information and ideas <p><u>Present work</u></p> <ul style="list-style-type: none"> - Present organized and accurate work - Evaluate product and process with precision and confidence 	<p><u>Working with Others</u></p> <ul style="list-style-type: none"> - Use others' ideas critically and appropriately - Evaluate own understandings of others' ideas - Encourage others - Take part in groups - Delegate responsibilities - Support group members taking the lead - Cope with difficulties - Cope with uncooperative, unreliable or unhelpful group members - Inspire others <p><u>Face Challenges</u></p> <ul style="list-style-type: none"> - Resolve conflict - Achieve goals - Use teamwork - Accept group decisions - Develop alternatives 	<p><u>Be Literate</u></p> <ul style="list-style-type: none"> - Use reading strategies - Interpret a wide range of content-specific and technical language - Read and interpret different sources of information including statistics, graphs, etc <p><u>Learn With Others</u></p> <ul style="list-style-type: none"> - Initiate discussions - Negotiate goals, limitations, and concerns with peers and supervisor <p><u>Be Informed</u></p> <ul style="list-style-type: none"> - Synthesize different sets of ideas and information - Critically evaluate ideas and information <p><u>Inform Others</u></p> <ul style="list-style-type: none"> - Use appropriate text conventions in writing tasks - Support central arguments - Compose clear, coherent, and organized writing 	<p><u>Access information</u></p> <ul style="list-style-type: none"> - Use the library and Cat's Den for a variety of resources - Identify opportunities for primary research - Construct surveys and interviews <p><u>Use of Media</u></p> <ul style="list-style-type: none"> - Use a variety of graphic devices and technology to present spoken and written information and ideas - Use appropriate media in presentations <p><u>Select and Organize Information</u></p> <ul style="list-style-type: none"> - Use primary and secondary research - Use paraphrasing and quotations - Evaluate relevance and validity - Identify point of view, bias, and weaknesses - Make inferences <p><u>Be Honest</u></p> <ul style="list-style-type: none"> - Use parenthetical referencing for all sources - Respect the concepts of plagiarism and intellectual property - Avoid the misuse of others' ideas through various strategies - Utilize Turnitin.com 	<p><u>Be Self Aware</u></p> <ul style="list-style-type: none"> - Explore beyond own learning styles and preferences - Adapt to learning situations and requirements - Seek and appreciate criticism - Use self-analysis <p><u>Improve Ideas and Work</u></p> <ul style="list-style-type: none"> - Reflect on concrete feedback - Combine reflection and analysis to identify specific ways to improve 	<p><u>Apply Past Knowledge</u></p> <ul style="list-style-type: none"> - Form reasoned opinions - Create questions and problems from different perspectives - Draw logical conclusions from evidence <p><u>Generate ideas</u></p> <ul style="list-style-type: none"> - Make predictions and justify them - Combine critical and creative thinking strategies - Consider different perspectives - Synthesize ideas to create new ones <p><u>Organize Ideas</u></p> <ul style="list-style-type: none"> - Evaluate a planning and outlining strategy <p><u>Inquire</u></p> <ul style="list-style-type: none"> - Evaluate, question, and challenge information and arguments - Develop guiding questions for focus <p><u>Pose Problems</u></p> <ul style="list-style-type: none"> - Apply and evaluate a solution to a real world problem - Deduce problems - Evaluate real world solutions 	<p><u>Make Connections</u></p> <ul style="list-style-type: none"> - Use knowledge across subjects to create products or solutions - Understand interdisciplinary tasks - Apply skills and knowledge to unfamiliar situations <p><u>Appreciate Culture</u></p> <ul style="list-style-type: none"> - Participate in Zambia Week - Respect cultures and explore cultural perspectives - Participate in cultural excursions

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