

Technology Applications, Prekindergarten

Time on Task: 2 hours per week

Course Philosophy

In our world, technology is increasing faster than law can regulate it. In order to prepare students to become leaders in the world they inherit, we must teach them to use technology ethically and properly. This communication tool can be both a blessing and a curse, and users must be responsible in their technology use. Students must learn to filter all communications through a Biblical worldview.

Course Description

Young children have much to gain from use of technology. In prekindergarten, they expand their ability to acquire information, solve problems, and communicate with others. Regular access and exposure to computers and related technology can enhance this learning. Children use engaging, age-appropriate, and challenging software, and technology to extend their knowledge and to enrich their learning of curriculum content and concepts. These technologies serve as important learning tools and are integrated throughout the instructional program.

Prekindergarten Guidelines Goals and Objectives	Scope and Sequence Technology Applications	Spiritual Goals God’s intended purpose for technology:
<p>Young children have much to gain from use of technology. In prekindergarten, they expand their ability to acquire information, solve problems, and communicate with others. Regular access and exposure to computers and related technology can enhance this learning. Children use engaging, age-appropriate, and challenging software, and technology to extend their knowledge and to enrich their learning of curriculum content and concepts. These technologies serve as important learning tools and are integrated throughout the instructional program.</p> <p>Children learn the basic functions of the computer and related technologies. They develop techniques for handling and controlling various input devices, and become increasingly confident and independent users of age-appropriate software programs.</p>	<p>The Child:</p> <ol style="list-style-type: none"> 1. Starts, uses, and exits software programs 2. Uses a variety of input devices, such as mouse, keyboard, voice/sound recorder, or touch screen 3. Follows basic oral or pictorial cues for operating programs successfully 4. Uses a variety of software packages with audio, video, and graphics to enhance learning experiences (e.g., improving vocabulary, increasing 	<ol style="list-style-type: none"> 1. To encourage the use of knowledge and skills in service to God. 2. To teach the child that just as there is a logic and order in technology, there is a logic and order in God’s plan 3. To recognize the ability to communicate with one another is part of His plan for our lives. 4. To acknowledge that God is concerned that communication is clear and easily understood. 5. To acknowledge that God recognizes writing as a powerful tool to influence people. 6. To learn how to communicate with others and with God in a way that glorifies Him. 7. To learn to communicate in such a

<p>The child:</p> <ul style="list-style-type: none"> starts, uses, and exits software programs uses a variety of input devices, such as mouse, keyboard, voice/sound recorder, or touch screen begins to use technical terminology, such as “mouse,” “keyboard,” “printer,” “CD-ROM” follows basic oral or pictorial cues for operating programs successfully 	<p>phonological awareness)</p> <ol style="list-style-type: none"> Enjoys listening to and interacting with storybooks and information texts (e.g., multimedia encyclopedia in electronic forms Begins to use technical terminology, such as “mouse,” “keyboard,” “printer,” “CD-ROM” <p>Correlation with TEKS</p> <p><u>I Wonder</u> Saxon Publishers ISBN 1-56577-349-7</p> <p><u>I Discover</u> Saxon Publishers ISBN 1-56577-344-6</p> <p><u>I Explore</u> Saxon Publishers ISBN 1-56577-345-4</p> <p>Theme (T) T 1-9 T 1-9 T 1-9 T 1-9</p>	<p>way as to draw men to Christ.</p> <ol style="list-style-type: none"> To learn accuracy and clarity of meaning so as not to cause misunderstanding in communication. To learn to appreciate the gift of creativity in written and oral form. <p>Biblical Integration Truth Statements</p> <ol style="list-style-type: none"> <i>What is prime reality, the really real?</i> God exists and is the ultimate reality. (Psalm 90:2, Revelation 22:13) <ol style="list-style-type: none"> God designed, created, and sustains His creation. (Genesis 1:1-31) God is good, holy, and loving. (Luke 18:19, 1 John 4:16, 1 Peter 1:16, Psalm 145:12) God is omniscient – all knowing. (Romans 11:33-36, Psalm 147:5) God is sovereign – nothing is beyond His ultimate interest, control, and authority. (Daniel 4:25) God is personal and also triune- He is coequally and coeternally God the Father, God the Son, Jesus, and God the Holy Spirit. (Hebrews 1:3) <i>What is the nature of external reality, that is, the world around us?</i> <ol style="list-style-type: none"> God is the source of everything and created the universe out of nothing. (Genesis 1:1) The universe was created by God
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<ul style="list-style-type: none"> enjoys listening to and interacting with storybooks and information texts (e.g., multimedia encyclopedia) in electronic forms uses a variety of software packages with audio, video, and graphics to enhance learning experiences (e.g., improving vocabulary, increasing phonological awareness). 	<p>T 1-9</p> <p>T 1-9</p> <p>Student Activities Lessons Practice</p> <p>Teaching Strategies Direct Instruction Open-ended Questions Discussion Demonstration</p> <p>Evaluation Procedures Observation Projects</p> <p>Other Resources and Bibliography None</p>	<p>to be orderly. (Isaiah 45:18, Psalm 147:4)</p> <p>c. God is constantly involved in the unfolding pattern of the ongoing operation of the universe. (Psalm 24:1-2, Psalm 32:13-15)</p> <p>d. The universe reflects His glory. (Psalm 8:1, Psalm 19:1)</p> <p>3. <i>What is a human being?</i></p> <p>a. God created humans to know Him intimately and to have a loving relationship with Him. (Psalm 100:3)</p> <p>b. Human beings are created in the image of God with the capacity to choose. (Genesis 1:27, Proverbs 8:10)</p> <p>c. Adam and Eve chose disobedience and brought death to themselves and sin entered the world. (Romans 5:12)</p> <p>d. All human beings have a choice and all have chosen sin that brings separation from God. (Romans 3:23)</p> <p>e. Sin is rebellion against God's wishes and ways and this destroys our relationship with God. (Romans 8:7-8)</p> <p>f. God provides a way back to Himself through the death of His son Jesus (the second person of the Trinity), on the cross. (John 3:16, Romans 6:23)</p> <p>g. Human beings must respond to God with repentance of our sins, receiving forgiveness, and accepting Jesus as our Savior.</p>
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		<p>(Romans 10:9-10)</p> <p>4. <i>What happens to a person at death?</i></p> <ul style="list-style-type: none">a. For each person death is either the gate to life with God and His people or the gate to eternal separation from God. (1 Corinthians 50:52)b. After death, your soul will continue to exist in an eternal way and there is a final judgment by God. (Revelation 20:12)c. Everyone chooses to honor and love Him by accepting Jesus as our Lord and Savior or makes a choice to reject Jesus and grasp for self-fulfillment and personal glory. (Romans 6:23)d. Those who received Jesus as Savior will spend eternity in Heaven with God. (Philippians 4:10-21)e. Those who rejected Jesus as Savior will spend eternity in Hell without God. (Hebrews 10:26-27) <p>5. <i>Why is it possible to know anything at all?</i></p> <ul style="list-style-type: none">a. Human beings can both know the world around them and God Himself because God has built within them the capacity to do so and because He takes an active role in communicating with them. (John 16:13)b. God's own intelligence is the basis of human intelligence. Knowledge is possible because there is something to be known
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		<p>(God and His creation) and someone to know (God and human beings made in His image). (Genesis 1:27)</p> <p>c. God reveals, Himself to us in two basic ways: by general revelation and by special revelation. (Exodus 3:2, Psalm 19:1-4)</p> <p>d. In general revelation, God speaks through the creation of the universe and through His word, the Bible. (2 Samuel 22:31, Psalm 19:1)</p> <ul style="list-style-type: none"> ➤ The Bible is internally consistent and unified in its principles and claims. ➤ There is tremendous coherence across the many authors and centuries during which the various books were written and in which its stories unfold. ➤ It is relevant to all the cultures of the world <p>e. Special revelation is God revealing Himself through supernatural ways. Jesus Christ is the ultimate special revelation. He showed us what God is like more fully than any other form of revelation can. Because Jesus was also completely human, he spoke more clearly to us than any other form of revelation can. (John 14:7)</p> <p>6. <i>How do we know what is right and</i></p>
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		<p><i>wrong?</i></p> <ul style="list-style-type: none"> a. Ethics or the knowledge of right and wrong is based on the character of God as good (holy and loving). (Psalm 33:4) b. There is an absolute standard by which all moral judgments are measured and God Himself – His character of goodness (holiness and love) – is the standard. (1 Samuel 2:3) c. As a result of sin, morally, we have become less able to discern good and evil and less able to know God as He truly is. (Proverbs 1:7) d. God has revealed His standard in the various laws and principles expressed in the Bible. (Psalm 111:10) <ul style="list-style-type: none"> ➤ He has dictated absolute moral truth to us. ➤ Every truth must conform to Biblical principles. ➤ Every choice must reflect God’s moral truth. ➤ We must promote, defend, and teach these truths to others. <p>7. <i>What is the meaning of human history?</i></p> <ul style="list-style-type: none"> a. History is a meaningful sequence of events leading to the fulfillment of God’s purposes for humanity. (Psalm 22:27-28, Psalm 47:3) b. History is going somewhere, directed toward a known end.
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		<p>(Matthew 25:34)</p> <p>c. History is a form of revelation, not only does God reveal Himself in history, but the very sequence of events is revelation. (Psalm 33:13-14, Psalm 47:9)</p> <p>d. History has meaning because God is behind all events, not only sustaining all things by His powerful word but also in all things working for the good of those who love Him. (Psalm 40:5, Romans 8:28)</p> <p><i>What should our response be to God?</i> <i>What were we made for?</i></p> <p>We were made to Love – Matthew 22:37, Worship – Romans 12:1, Obey – 2 John 6, and Give Glory – Psalm 96:3.</p>
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