

BJU Press
Course Outline—K5 Beginnings (3rd Edition)
Science

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 1: Welcome to Pine Hill The students will:</p> <ul style="list-style-type: none"> • identify colors: <i>red, orange, yellow, green, blue, purple</i> • distinguish shapes: <i>squares, circles, triangles</i> • use the senses to gather information about color • predict and observe new colors made by combining colors 	Science, 15–35 min.	Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i> . Assign worktext pages to provide practice. Sing songs. Evaluation Techniques Class participation Worktext pages	<i>Kindergarten Beginnings with Phonics for K5</i> <i>Teacher’s Edition</i> Pages xxvi–29 <i>Beginnings Worktext</i> Pages 1–10 <i>Phonics Practice</i> Pages iv–vii <i>Reading Books Teacher’s Edition</i> Pages 1–8 <i>Reading Book 1</i> Various materials as listed and specified in the <i>Teacher’s Edition</i>	BP: Bible Promises <ul style="list-style-type: none"> • I. God as Master

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<p>Week 5: Healthcare Workers The students will:</p> <ul style="list-style-type: none"> • demonstrate how to care for teeth • demonstrate good health practices • identify parts of the body • make a model of the mouth 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 114–41</p> <p><i>Beginnings Worktext</i> Pages 35–42</p> <p><i>Phonics Practice</i> Pages 33–42</p> <p><i>Reading Books Teacher’s Edition</i> Pages 37–45</p> <p><i>Reading Book 5</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> • 5a Love • 5e Friendliness

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<p>Week 6: Books That Teach The students will:</p> <ul style="list-style-type: none"> • use the senses to gather information about color • demonstrate an understanding of magnets 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 142–71</p> <p><i>Beginnings Worktext</i> Pages 43–52</p> <p><i>Phonics Practice</i> Pages 43–54</p> <p><i>Reading Books Teacher’s Edition</i> Pages 47–56</p> <p><i>Reading Book 6</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	

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<p>Week 7: Song Books The students will:</p> <ul style="list-style-type: none"> recognize animals and categorize them by habitat 	Science, 15–35 min.	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher's Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher's Edition</i> Pages 172–99</p> <p><i>Beginnings Worktext</i> Pages 53–60</p> <p><i>Phonics Practice</i> Pages 55–64</p> <p><i>Reading Books Teacher's Edition</i> Pages 57–66</p> <p><i>Reading Book 7</i></p> <p>Various materials as listed and specified in the <i>Teacher's Edition</i></p>	

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<p>Week 10: Favorite Tales The students will:</p> <ul style="list-style-type: none"> demonstrate the effect of water on a cookie 	Science, 15–35 min.	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher's Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher's Edition</i> Pages 256–83</p> <p><i>Beginnings Worktext</i> Pages 77–84</p> <p><i>Phonics Practice</i> Pages 85–94</p> <p><i>Reading Books Teacher's Edition</i> Pages 87–96</p> <p><i>Reading Book 10</i></p> <p>Various materials as listed and specified in the <i>Teacher's Edition</i></p>	

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<p>Week 11: My Bible Storybook The students will:</p> <ul style="list-style-type: none"> demonstrate physical properties (oil and water) 	Science, 15–35 min.	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 284–311</p> <p><i>Beginnings Worktext</i> Pages 85–92</p> <p><i>Phonics Practice</i> Pages 95–104</p> <p><i>Reading Books Teacher’s Edition</i> Pages 97–106</p> <p><i>Reading Book 11</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BP:</p> <ul style="list-style-type: none"> H. God as Father

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 12: Bible Animals The students will:</p> <ul style="list-style-type: none"> • use the senses to gather information • identify different animals • distinguish between animal sounds • learn about sheep, donkeys, and lions—three animals that appear in biblical accounts 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 312–41</p> <p><i>Beginnings Worktext</i> Pages 93–102</p> <p><i>Phonics Practice</i> Pages 105–16</p> <p><i>Reading Books Teacher’s Edition</i> Pages 107–16</p> <p><i>Reading Book 12</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	

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<p>Week 13: Insects Everywhere The students will:</p> <ul style="list-style-type: none"> • identify ants, ladybugs, and a butterfly • demonstrate an understanding of ants and their colonies • observe that insects have a life cycle 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 342–69</p> <p><i>Beginnings Worktext</i> Pages 93–102</p> <p><i>Phonics Practice</i> Pages 105–16</p> <p><i>Reading Books Teacher’s Edition</i> Pages 107–16</p> <p><i>Reading Book 13</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> • 2e Work <p>BP:</p> <ul style="list-style-type: none"> • I. God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 14: Wild Animals The students will:</p> <ul style="list-style-type: none"> • learn about wild animals, zoo animals, camouflage, and tracks • observe that animals have adaptations to survive in their environments 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 370–97</p> <p><i>Beginnings Worktext</i> Pages 111–18</p> <p><i>Phonics Practice</i> Pages 127–36</p> <p><i>Reading Books Teacher’s Edition</i> Pages 127–36</p> <p><i>Reading Book 14</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> • 2d Goal Setting • 3a Self-concept <p>BP:</p> <ul style="list-style-type: none"> • I. God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 15: By the Pond The students will:</p> <ul style="list-style-type: none"> notice God’s provision for animals to protect themselves learn about frogs, turtles, and other pond creatures gain awareness of pet care observe that animals have a life cycle observe that animals have adaptations to survive in their environments 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 398–425</p> <p><i>Beginnings Worktext</i> Pages 119–26</p> <p><i>Phonics Practice</i> Pages 137–46</p> <p><i>Reading Books Teacher’s Edition</i> Pages 137–46</p> <p><i>Reading Book 15</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> 2c Responsibility <p>BP:</p> <ul style="list-style-type: none"> I. God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 16: Farm Animals The students will:</p> <ul style="list-style-type: none"> learn about farms and farm animals 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 426–53</p> <p><i>Beginnings Worktext</i> Pages 127–34</p> <p><i>Phonics Practice</i> Pages 147–56</p> <p><i>Reading Books Teacher’s Edition</i> Pages 147–56</p> <p><i>Reading Book 16</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> 2d Goal setting

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 17: Mountains The students will:</p> <ul style="list-style-type: none"> • demonstrate an understanding of mountains and volcanoes • make a model of a volcano 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 453–83</p> <p><i>Beginnings Worktext</i> Pages 135–44</p> <p><i>Phonics Practice</i> Pages 157–68</p> <p><i>Reading Books Teacher’s Edition</i> Pages 157–65</p> <p><i>Reading Book 17</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BP:</p> <ul style="list-style-type: none"> • I. God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 18: The Prairie The students will:</p> <ul style="list-style-type: none"> • identify different animals 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 484–511</p> <p><i>Beginnings Worktext</i> Pages 145–52</p> <p><i>Phonics Practice</i> Pages 169–78</p> <p><i>Reading Books Teacher’s Edition</i> Pages 167–76</p> <p><i>Reading Book 18</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 19: Rivers and Lakes The students will:</p> <ul style="list-style-type: none"> • demonstrate an understanding of rivers, lakes, and water insects • investigate the water cycle • identify different animals 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 512–39</p> <p><i>Beginnings Worktext</i> Pages 153–60</p> <p><i>Phonics Practice</i> Pages 179–88</p> <p><i>Reading Books Teacher’s Edition</i> Pages 177–86</p> <p><i>Reading Book 19</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BP:</p> <ul style="list-style-type: none"> • I. God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 20: Oceans The students will:</p> <ul style="list-style-type: none"> • identify different animals • observe that animals have adaptations to survive in their environments 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 540–67</p> <p><i>Beginnings Worktext</i> Pages 161–68</p> <p><i>Phonics Practice</i> Pages 189–98</p> <p><i>Reading Books Teacher’s Edition</i> Pages 187–96</p> <p><i>Reading Book 20</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> • 3c Flexibility • 3c Self-Control • 5a Courtesy • 5a Kindness • 5a Thoughtfulness • 6c Joyfulness

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 23: Weathering the Seasons The students will:</p> <ul style="list-style-type: none"> • demonstrate knowledge of weather, weather forecasting, and seasons • observe changes in the weather • identify characteristics of the seasons 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 624–53</p> <p><i>Beginnings Worktext</i> Pages 185–94</p> <p><i>Phonics Practice</i> Pages 219–30</p> <p><i>Reading Books Teacher’s Edition</i> Pages 217–26</p> <p><i>Reading Book 23</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> • 2b Helpfulness • 2c Faithfulness • 2e Work • 3b Orderliness <p>BP:</p> <ul style="list-style-type: none"> • I. God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 24: It's Summer The students will:</p> <ul style="list-style-type: none"> investigate heat and using thermometers identify characteristics of summer 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher's Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher's Edition</i> Pages 654–84</p> <p><i>Beginnings Worktext</i> Pages 185–94</p> <p><i>Phonics Practice</i> Pages 219–30</p> <p><i>Reading Books Teacher's Edition</i> Pages 217–26</p> <p><i>Reading Book 24</i></p> <p>Various materials as listed and specified in the <i>Teacher's Edition</i></p>	<p>BP:</p> <ul style="list-style-type: none"> I. God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 25: It's Fall The students will:</p> <ul style="list-style-type: none"> • identify characteristics of fall • demonstrate an understanding of animal adaptations 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher's Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher's Edition</i> Pages 682–709</p> <p><i>Beginnings Worktext</i> Pages 203–10</p> <p><i>Phonics Practice</i> Pages 241–50</p> <p><i>Reading Books Teacher's Edition</i> Pages 237–46</p> <p><i>Reading Book 25</i></p> <p>Various materials as listed and specified in the <i>Teacher's Edition</i></p>	<p>BP:</p> <ul style="list-style-type: none"> • I. God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 26: It's Winter The students will:</p> <ul style="list-style-type: none"> • identify characteristics of winter • demonstrate an understanding of animal adaptations 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher's Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher's Edition</i> Pages 710–37</p> <p><i>Beginnings Worktext</i> Pages 211–18</p> <p><i>Phonics Practice</i> Pages 251–60</p> <p><i>Reading Books Teacher's Edition</i> Pages 247–56</p> <p><i>Reading Book 26</i></p> <p>Various materials as listed and specified in the <i>Teacher's Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> • 5b Hospitality

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<p>Week 27: It's Spring The students will:</p> <ul style="list-style-type: none"> • identify characteristics of spring • identify the colors in a rainbow • use the senses to gather information about color • make a model of a bird's nest 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher's Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher's Edition</i> Pages 738–65</p> <p><i>Beginnings Worktext</i> Pages 219–26</p> <p><i>Phonics Practice</i> Pages 261–70</p> <p><i>Reading Books Teacher's Edition</i> Pages 257–66</p> <p><i>Reading Book 27</i></p> <p>Various materials as listed and specified in the <i>Teacher's Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> • 8a Faith in God's promises <p>BP:</p> <ul style="list-style-type: none"> • I. God as Master • H. God as Father

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Week 29: In the Garden The students will:</p> <ul style="list-style-type: none"> • recognize different types of flowers • demonstrate an understanding of the life cycle of a plant 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 796–823</p> <p><i>Beginnings Worktext</i> Pages 237–44</p> <p><i>Phonics Practice</i> Pages 283–92</p> <p><i>Reading Books Teacher’s Edition</i> Pages 277–86</p> <p><i>Reading Book 29</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> • 5a Thankfulness to men <p>BP:</p> <ul style="list-style-type: none"> • I. God as Master

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<p>Week 31: Desert Paths The students will:</p> <ul style="list-style-type: none"> investigate plant and animal adaptations 	<p>Science, 15–35 min.</p>	<p>Read and discuss material in text. Use interactive and hands-on activities outlined in the <i>Teacher’s Edition</i>. Assign worktext pages to provide practice. Sing songs.</p> <p>Evaluation Techniques Class participation Worktext pages</p>	<p><i>Kindergarten Beginnings with Phonics for K5</i></p> <p><i>Teacher’s Edition</i> Pages 852–59</p> <p><i>Beginnings Worktext</i> Pages 253–60</p> <p><i>Phonics Practice</i> Pages 303–12</p> <p><i>Reading Books Teacher’s Edition</i> Pages 279–305</p> <p><i>Reading Book 31</i></p> <p>Various materials as listed and specified in the <i>Teacher’s Edition</i></p>	<p>BAT:</p> <ul style="list-style-type: none"> 1b Repentance and faith <p>BP:</p> <ul style="list-style-type: none"> I. God as Master