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| **Learning**  **Outcomes** | * TLW be introduced to the overall objectives of the Cyber Science course. * TLW be introduced to the Boe-Bot. * TLW complete the “Hello World” task. * TLW observe Boe-Bot to Computer to Boe-Bot communication. |

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| **Materials List** | | |
| * Boe-Bot Board (with Basic Stamp inserted on board) * Battery pack (with batteries) | * Laptop/computer * PBasic Stamp Program * USB cable & adapter |  |

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| **Lesson**  **Summary** | * Introduce the course (objectives, goals, layout) * Hand out Boe-Bots to each student * Students will use the Boe-Bot to complete a Hello World program using the DEBUG screen in the PBasic program * Time permitting (and if necessary), have students begin assembling the Boe-Bot |

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| **Homework** | Assemble the Boe-Bot (due in 4 class periods) |

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| **Resources** | Text Reference: |
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| **Relevant Standards** | |
| GLEs |  |
| Guiding  Questions |  |