

Reporting Strand 1: Introduction to Computer Science & Java Programming

Standards	Meets	Proficiency	Improvement Needed
IIB3, IIB4b, IIB5c, IIIA-C, IIIF1, IVB		<ul style="list-style-type: none"> ● Java Background <ul style="list-style-type: none"> ○ History of programming ○ Advantages of Java over other languages ● Java SDK <ul style="list-style-type: none"> ○ Downloading Java ● IDE <ul style="list-style-type: none"> ○ What is an IDE/What are its functions ○ Downloading/using an IDE ● Compiling Java <ul style="list-style-type: none"> ○ What happens when Java compiles ○ bytecode ○ class files ● Syntax vs Style <ul style="list-style-type: none"> ○ Why style is important ○ What is a syntax error ● Naming Classes and Variables ● Indenting <ul style="list-style-type: none"> ○ Properly indenting programs ○ Importance of indenting properly ● Comments <ul style="list-style-type: none"> ○ Why comments are used ○ Creating single and multi-line comments ○ Usefulness of Javadoc comments ● Use the System class for input/output 	