

Name:	Unit 1 Remix Project Planning Guide
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Remix Step 1: Review your code from Mission 3 and Mission 4

Mission 3: Time and Motion What does this program do? What programming concepts did you learn and use?	
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Mission 4: Get Moving! What does this program do? What programming concepts did you learn and use?	
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Remix Step 2: Remix Project Concept

Look over the remix suggestions. Discuss with a partner. Then decide what you want to do for your remix project. Describe your remix project:	
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Remix Step 3: Plan your code. Answer the questions below to help you plan and design the remix project before you start to write code.

How will your 'bot move? Describe the direction and speed the 'bot will move. Give a time specification as a starting point.	
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What LEDs will you use? Describe which LEDs you will light up, and when you will turn them on and off.	
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What notes will your 'bot play? Describe when you want music, how many notes, and for how long.	
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Remix Step 4: Write your code

Start a new file. Use the sandbox  when you write the code. Write just a few lines at a time and test often. You can choose which 3D environment you want for the remix project.

Remix Step 5: Commenting and feedback	
Documentation	<ul style="list-style-type: none"> • Make sure your code is readable by adding blank lines • Add comments to explain sections of code
Peer feedback: Get feedback from two (or more) people. You can be one of the peer reviewers.	
Peer Review #1 Name:	
Go through the checklist. Are all requirements met? If not, list any missing criteria.	
What do you like about the program – be specific!	
Give at least one suggestion. Begin with “what if” or “maybe you could”	
Peer Review #2 Name:	
Go through the checklist. Are all requirements met? If not, list any missing criteria	
What do you like about the program – be specific!	
Give at least one suggestion. Begin with “what if” or “maybe you could”	
Review the comments. Then take time to improve or add to your project.	
Post-Mission Reflection	
What did you change in your project after reading the feedback?	
What did you learn about programming from completing this project?	

Unit 2 Remix Project Rubric Checklist:

- New file is used and filename is descriptive
- Moves the CodeBot forward and/or backward one or more times
- Turns the CodeBot one or more times
- Uses a sleep delay one or more times
- Turns on one or more LED lights
- Plays at least two notes using the speaker
- Includes comments and whitespace for readability
- Code runs with no errors

