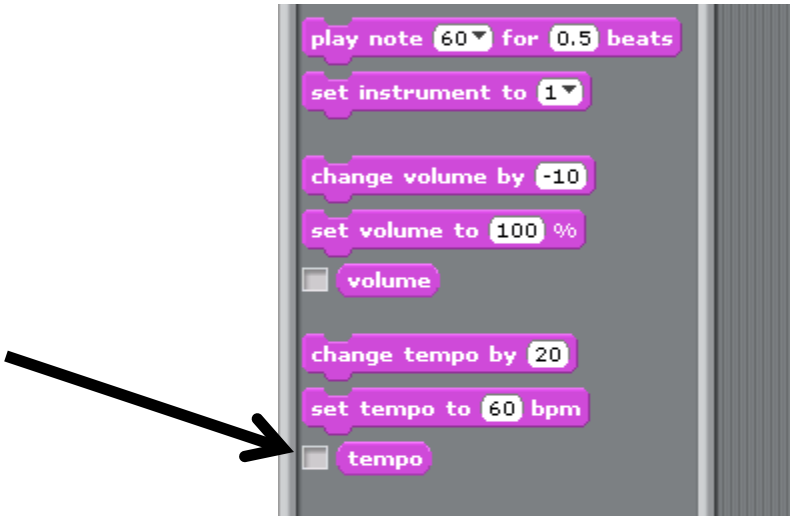
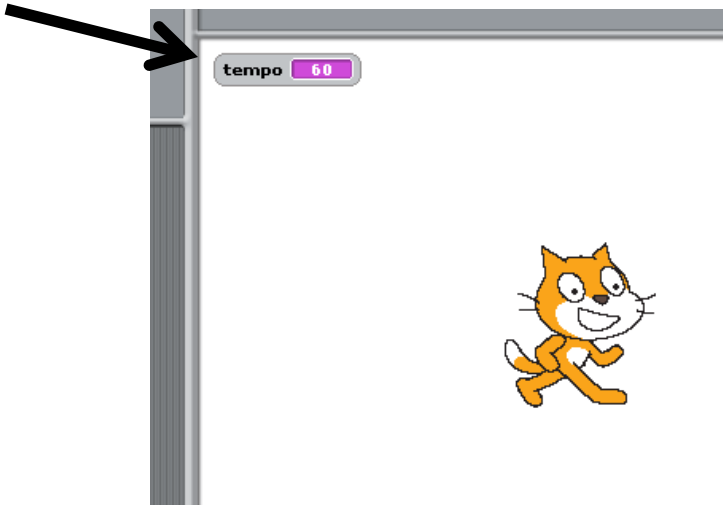
Setting and Changing Tempo and Volume

Always know the tempo!





If you check the checkbox next to the "tempo" block, the **current tempo** will be displayed on the **stage**.

Review: Set Tempo!

The tempo block sets the speed at which notes play. It has 1 variable:

1. You can change how many beats play per minute.

When using the set tempo block, it **does not matter** what the current tempo is. Set tempo will set the new tempo to the number you **type in**.

Change Tempo!

The change tempo block **increases** **or** **decreases** the tempo by whatever amount you want. It has 1 variable:

1. You can change how much to increase or decrease the tempo. You may use **positive** or **negative** numbers.

When using the change tempo block, it **does matter** what the current tempo is. Set tempo will **add or subtract** from the current tempo.

Example: Which gives you a faster tempo?

1. First, the tempo is **set** to 60.
2. Then, the tempo is **increased** by 20.
3. The final tempo is **80** beats per minute.

1. First, the tempo is **set** to 60.
2. Then, the tempo is **decreased** by 30.
3. The final tempo is **30** beats per minute.

Volume works the same way!

1. Use the **checkbox** next to the “volume” block to always see the volume.

2. Use the **set volume** block to reset the volume to the level you want.

3. Use the **change volume** block to increase or decrease the volume by a certain amount.

With the time that's left…

- Begin the Setting and Changing Tempo and Volume worksheet.
  - You can write the scripts for each question in Scratch to help you find the answer.
  - If you finish early, you may play with Scratch.