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.