

Let's Play "Twinkle Twinkle"!

Part 1 – 1st Half of Bread

The screenshot shows the 'phrase maker' software interface. The title bar reads 'phrase maker'. On the left, there is a vertical toolbar with icons for play, notes, piano keyboard, MIDI keyboard, and a plus sign. The main area contains seven piano roll tracks for notes: la₄, sol₄, fa₄, mi₄, re₄, and do₄. Below these are three drum tracks: 'snare drum' (cyan), 'forward 100' (blue), and 'right 90' (blue). At the bottom, a 'note value' row shows seven columns with values: 1/4, 1/4, 1/4, 1/4, 1/4, 1/4, and 1/2. The piano roll tracks show black bars representing notes: la₄ has notes in the 5th and 6th columns; sol₄ has notes in the 3rd and 4th columns; do₄ has notes in the 1st and 2nd columns.

Part 2 – 2nd Half of Bread

The screenshot shows the 'phrase maker' software interface for Part 2. The layout is identical to Part 1, but the piano roll tracks show different note placements: fa₄ has notes in the 1st and 2nd columns; mi₄ has notes in the 3rd and 4th columns; re₄ has notes in the 5th and 6th columns; and do₄ has notes in the 7th column.

Let's Play "Twinkle Twinkle"!

Part 3 – Peanut Butter and Jelly

The screenshot shows a software interface titled "phrase maker" with a play button icon. The interface displays a musical score for the song "Twinkle Twinkle". The score is organized into a grid with 8 columns representing time steps and 10 rows representing different instruments or parts. The first six rows are labeled with musical notes: la₄, sol₄, fa₄, mi₄, re₄, and do₄. Each note row has a piano keyboard icon to its left. The seventh row is labeled "snare drum" and has a snare drum icon. The eighth and ninth rows are labeled "forward 100" and "right 90" respectively, with a peanut butter jar icon. The tenth row is labeled "note value" and contains the values 1/4, 1/4, 1/4, 1/4, 1/4, 1/4, 1/4, and 1/2. The score is filled with green and black blocks. The green blocks represent notes, and the black blocks represent rests. The snare drum row is filled with cyan blocks. The "forward 100" and "right 90" rows are filled with blue blocks.

Play all of "Twinkle Twinkle"

Bread (1st and 2nd halves)

Peanut Butter and Jelly x2

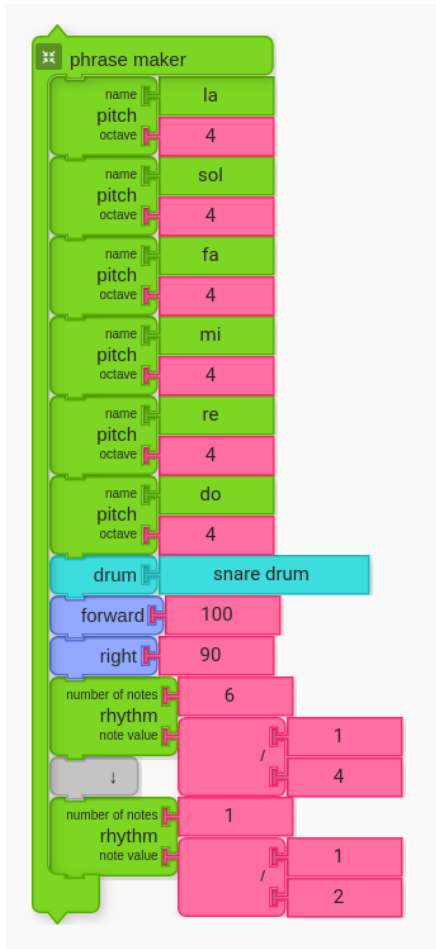
Bread (1st and 2nd halves)

There you have it! Good job!

Let's Play "Twinkle Twinkle"!

Let's Figure it out with Music Blocks!

First, pull out a "Phrase Maker" block from the widget palette. Then add "Do" and "Fa", both with octave "4". It should look like this:



1. Illustration: Phrase Maker from Widgets Palette.

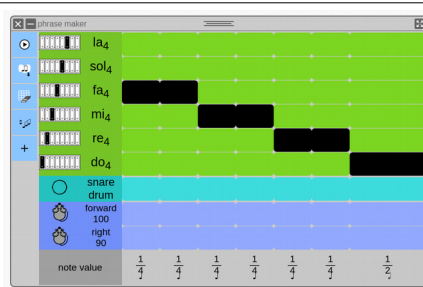
Let's Play "Twinkle Twinkle"!

Transcribe "Twinkle Twinkle" with Phrase Maker

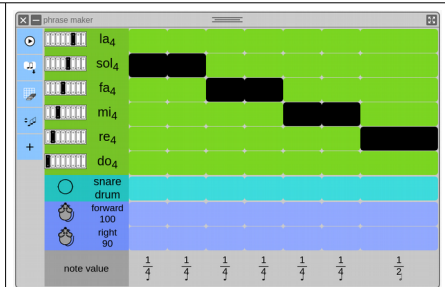
Next, fill in the Phrase Maker with exactly what you played on the first two pages. Save each of the parts as Action blocks.



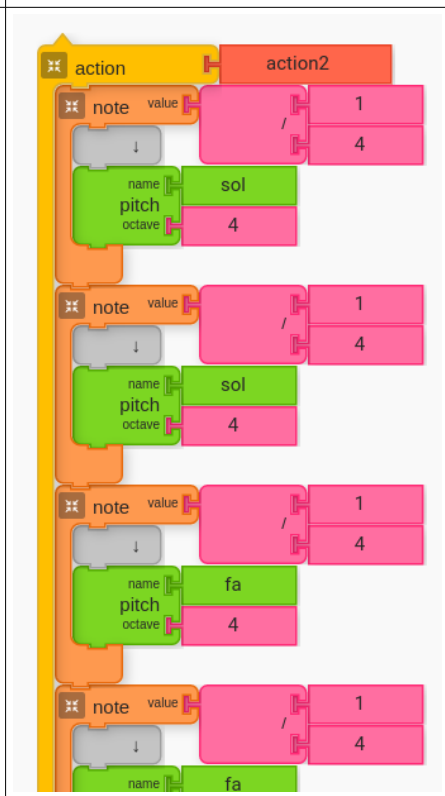
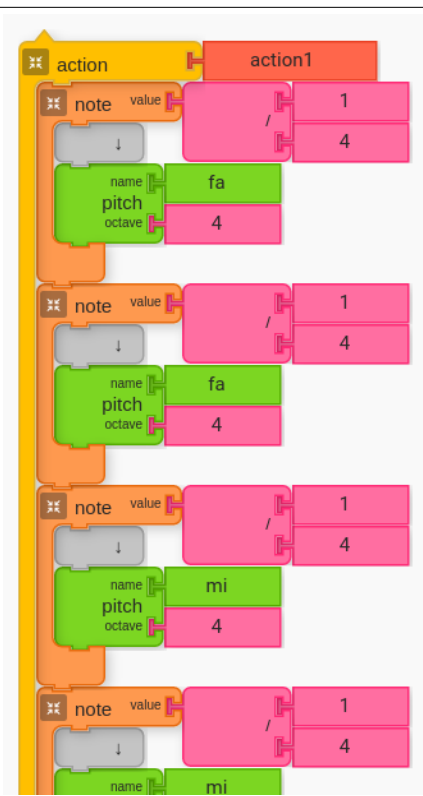
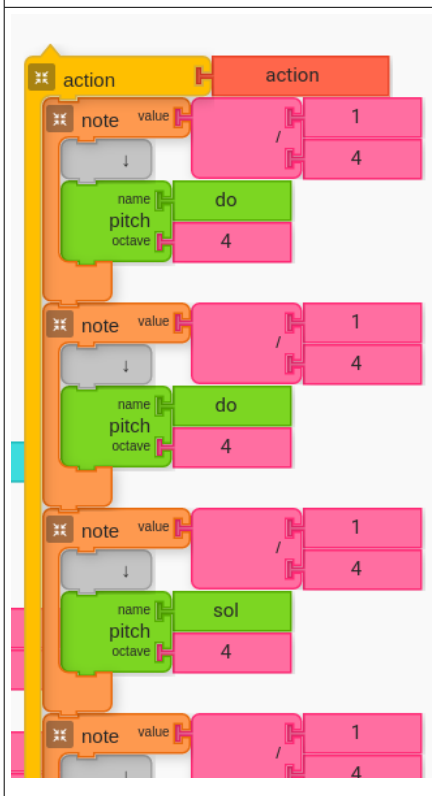
Part 1 – Bread, 1st Half



Part 2 – Bread, 2nd Half



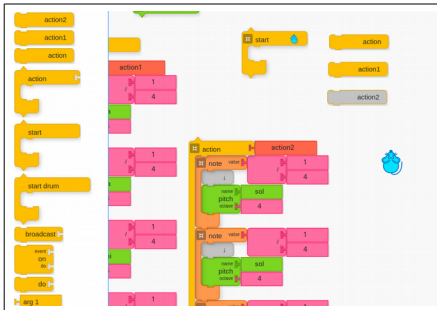
Part 3 – PB+J



Put it all Together

Put everything together in order. It is fun and accurate to order everything like a sandwich, with bread on the outside and peanut butter and jelly on the inside.

Let's Play "Twinkle Twinkle"!

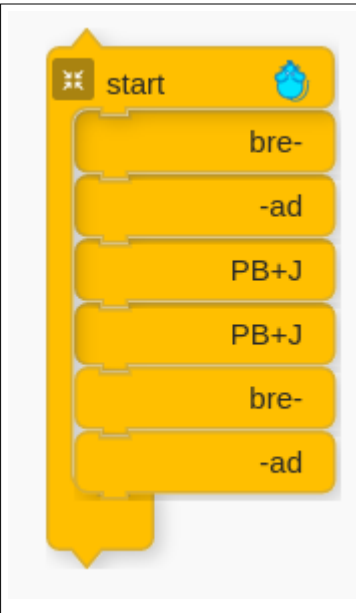


Saved Action Blocks may look something like this. How do we put them in order to make "Twinkle Twinkle"?



can order them like this.

You



e a Peanut Butter and Jelly Sandwich!

Mak

Next Steps: Remix!

Change the pitches in the Action Blocks and make your own songs!