

Lesson 5: Broadcast More

I can use broadcast in my program to make PicoH repeat a routine



Action Rhyme

Boom, Snap, Clap, Boom, Boom,
Snap, Clap, Snap, Boom, Snap
Clap, Boom Boom, Snap, Shhh



Predict

```
when clicked  
broadcast boom
```

```
when I receive message1  
set HeadNod to 2  
say boom! until done  
set HeadNod to 5
```



Rhyme

Boom

Snap

Clap

Shhh

```
when clicked  
broadcast boom and wait
```

```
when I receive boom  
set HeadNod to 2  
say Hello! until done  
set HeadNod to 5
```



Teacher Input 2

```
when clicked  
broadcast boom and wait  
broadcast boom and wait
```

```
when I receive boom  
set HeadNod to 0  
say boom until done  
set HeadNod to 5
```



Activity 2

Boom, Snap, Clap, Boom, Boom,
Snap, Clap, Snap, Boom, Snap
Clap, Boom Boom, Snap, Shhh



Activity 2 Example

Boom, Snap, Clap, Boom, Boom,
Snap, Clap, Snap, Boom, Snap
Clap, Boom Boom, Snap, Shhh

```

when clicked
broadcast boom and wait
broadcast snap and wait
broadcast clap and wait
broadcast boom and wait
broadcast boom and wait
broadcast snap and wait
broadcast clap and wait
broadcast snap and wait
broadcast boom and wait
broadcast snap and wait
broadcast clap and wait
broadcast boom and wait
broadcast boom and wait
broadcast snap and wait
broadcast shhh and wait
  
```

```

when I receive boom
set HeadNod to 0
say boom until done
set HeadNod to 5
  
```

```

when I receive snap
set LidBlink both to 0
say snap until done
set LidBlink both to 10
  
```

```

when I receive clap
set HeadTurn to 0
say clap until done
set HeadTurn to 5
  
```

```

when I receive shhh
set BottomLip to 0
say shh until done
set BottomLip to 5
  
```

