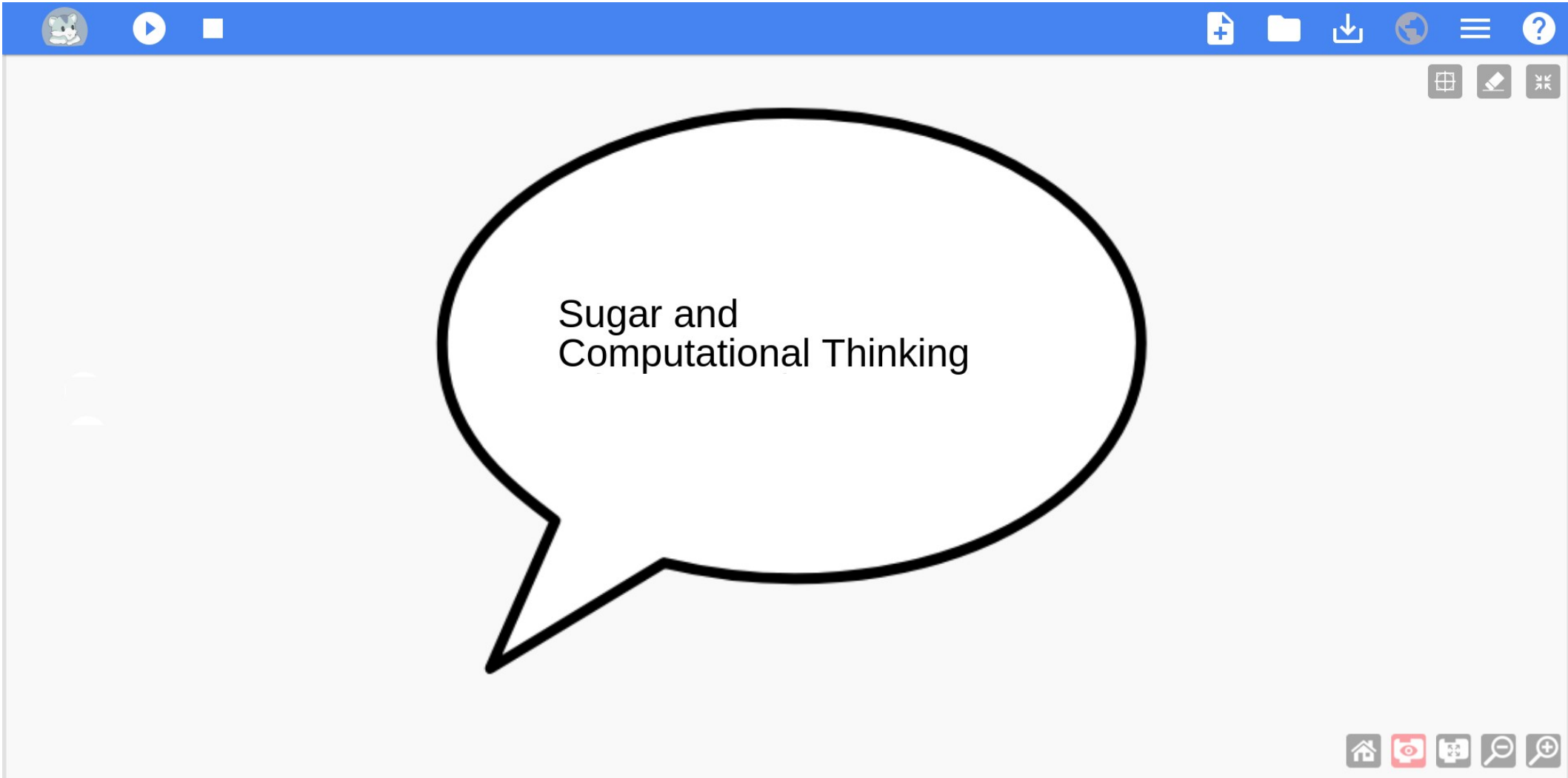
Walter Bender CC BY-SA

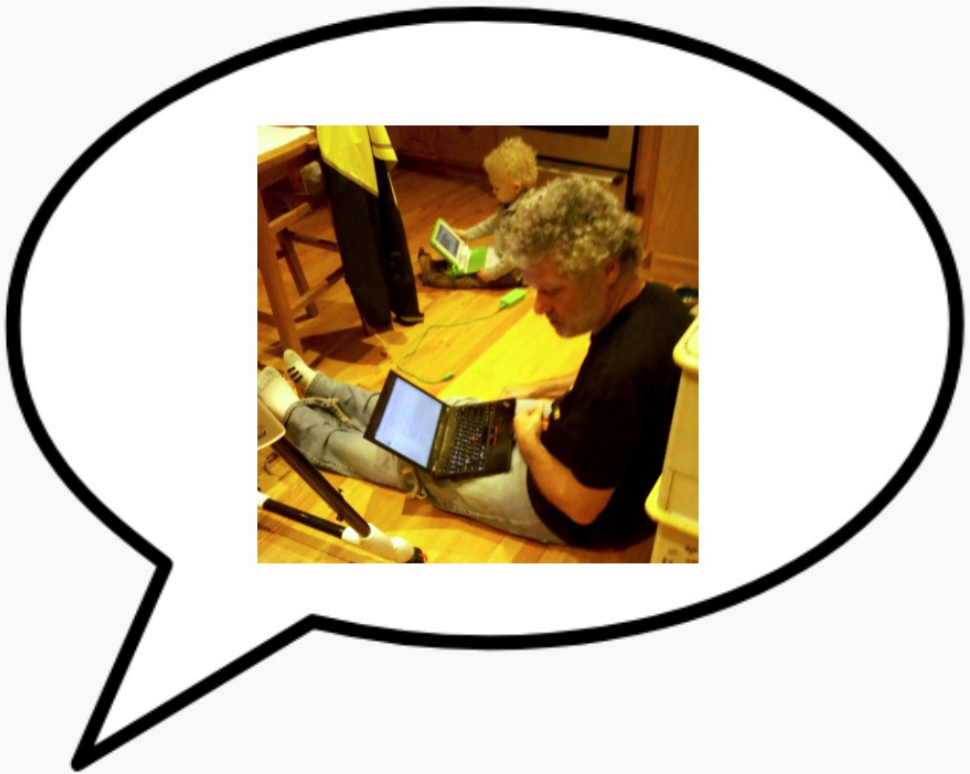
sugarlabs

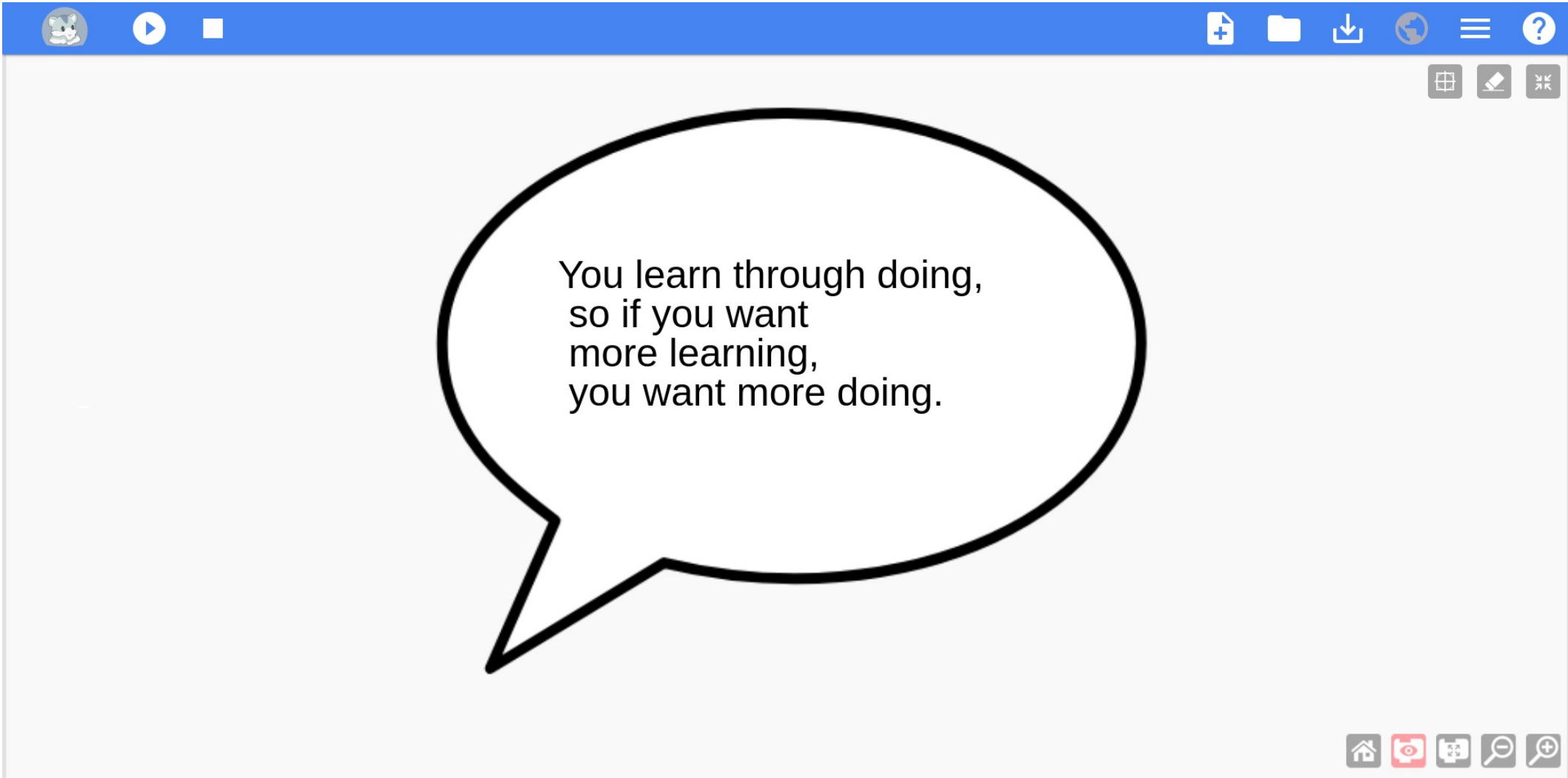
Libre Planet 2020

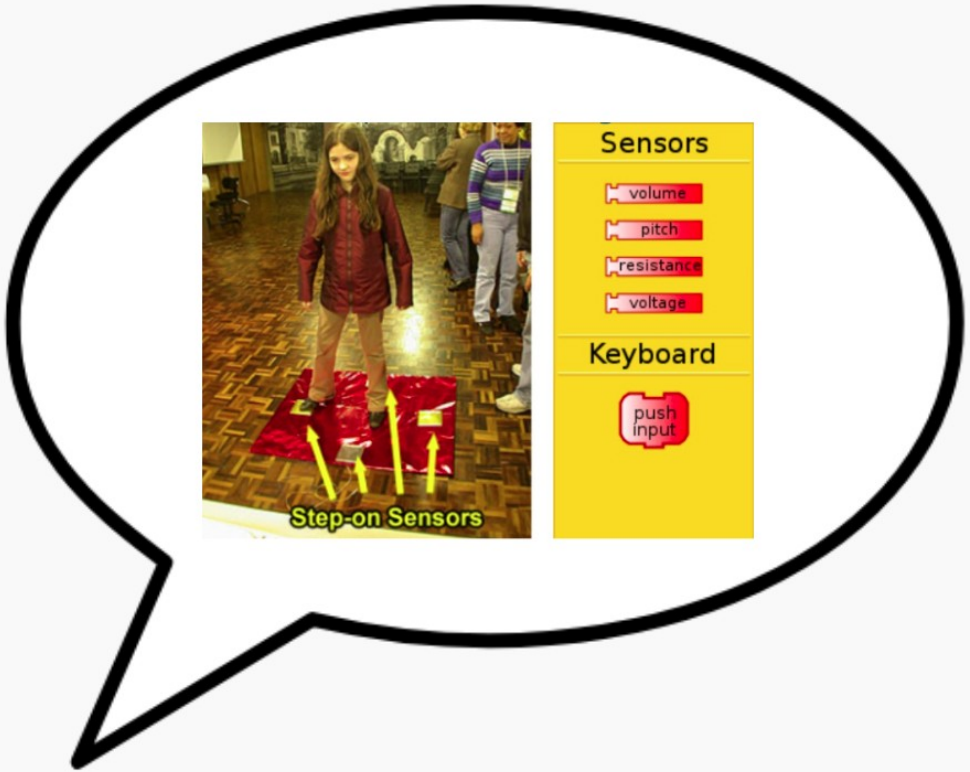

Sugar and
Computational Thinking

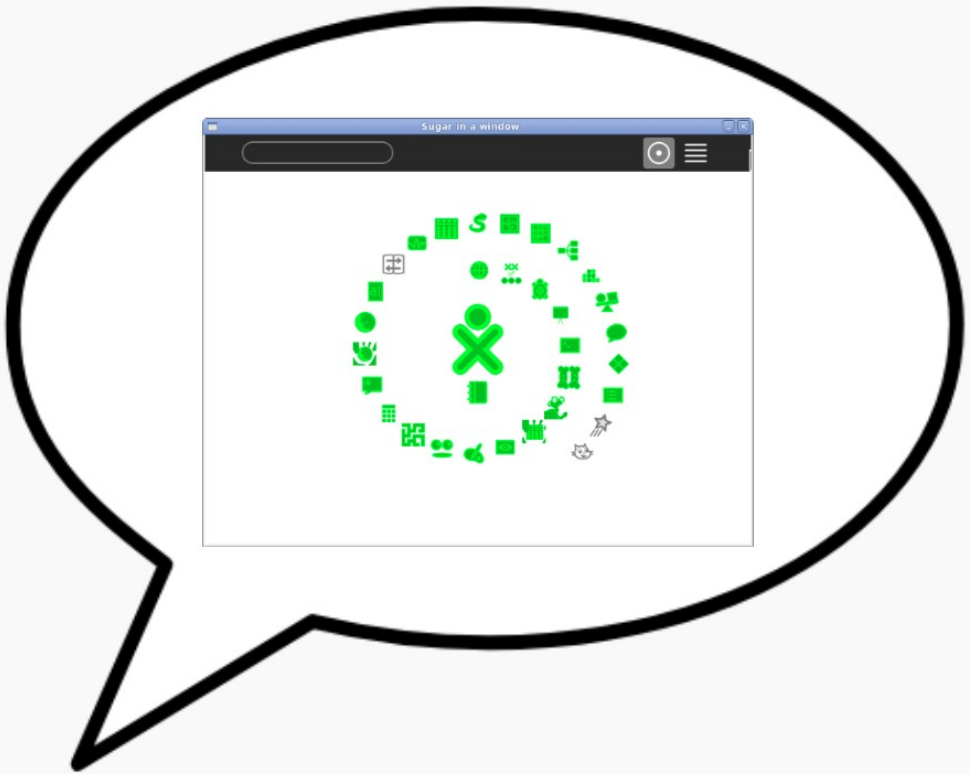
What is technology?

Any thing invented
after you were born.
Alan Kay



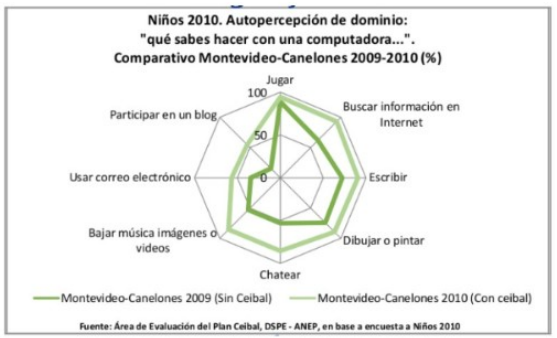

You learn through doing,
so if you want
more learning,
you want more doing.

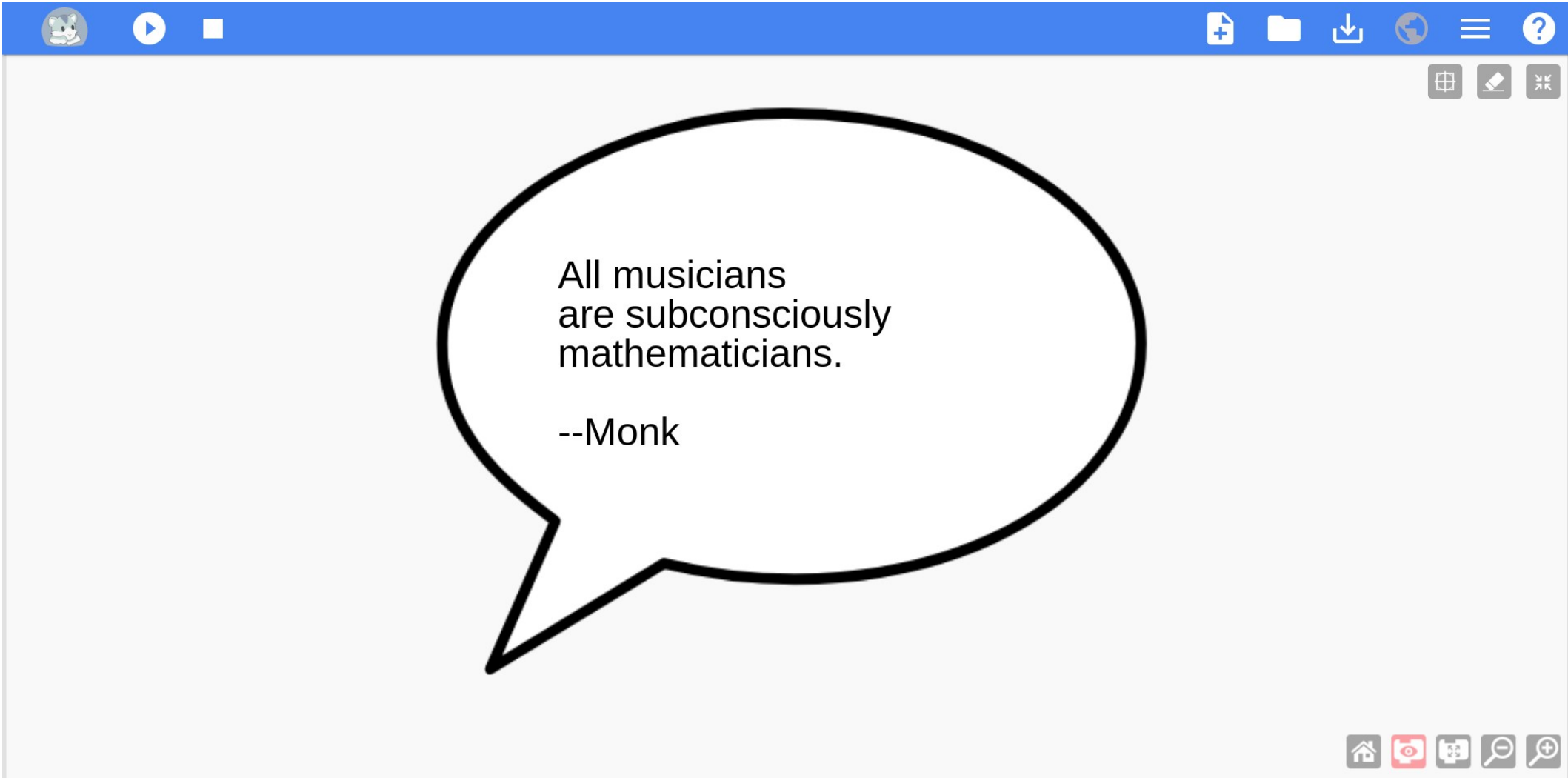

Step-on Sensors
Sensors
volume
pitch
resistance
voltage
Keyboard
push
input


Sugar in a window

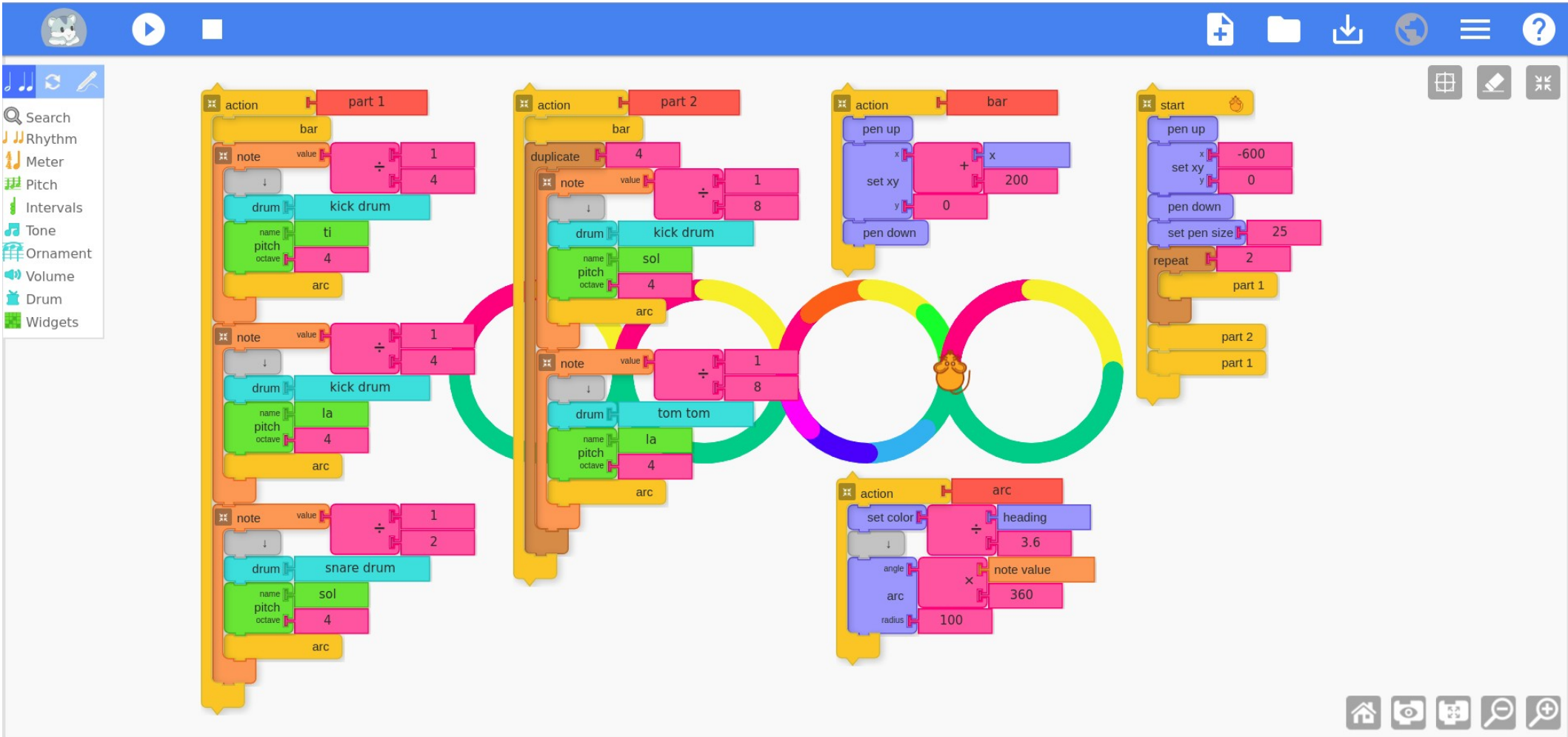
Atrás
A Human
20 minutos atrás
Descripción:
Etiquetas:
Tipo: application/x-turtle-art
Fecha: 24/01/12
Tamaño: 4 KB
Activity Data:
activity count: 15
turtle blocks: empezar, sacar, por siempre, , si entonces, espacio vertical, equivalente, bloque Python, acción, mostrar,
Participantes:

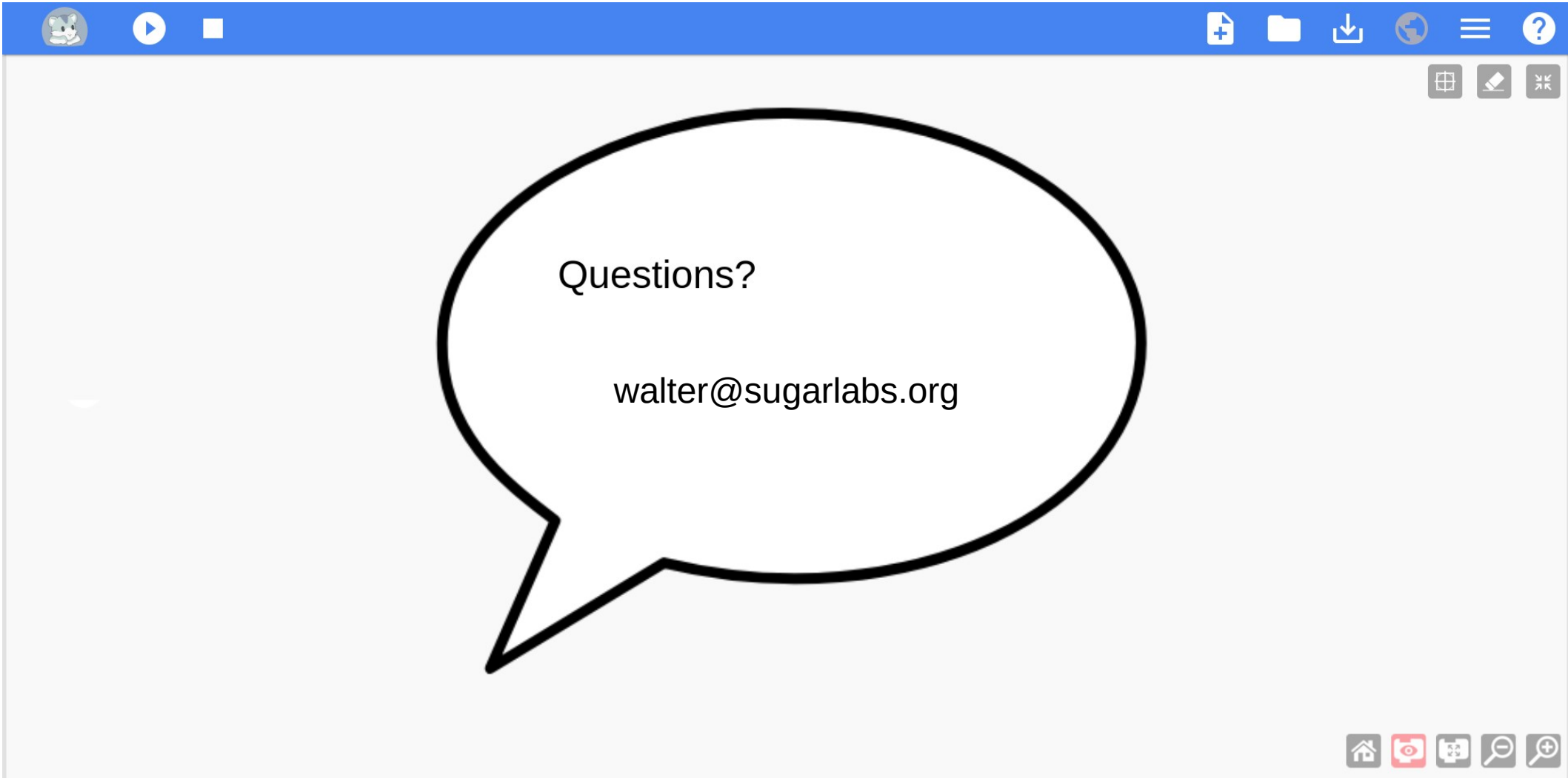
Sugar in a window
Ver código fuente: 'Actividad \xc3\x81baco'
icons
abacus.py
locale
po
COPYING
setup.py
activity
abacus_window.py
AbacusActivity.py
toolbar_utils.py
.abacusrc
sprites.py
NEWS
-*- coding: utf-8 -*-
#Copyright (c) 2010-11, Walter Bender
import pygtk
pygtk.require('2.0')
import gtk
from sugar.activity import activity
from sugar import profile
try: # 0.86+ toolbar widgets
from sugar.graphics.toolbarbox import ToolbarBox
HAS_TOOLBARBOX = True
except ImportError:
HAS_TOOLBARBOX = False
if HAS_TOOLBARBOX:
from sugar.graphics.toolbarbox import ToolbarButton
from sugar.activity.widgets import ActivityToolbarButton
from sugar.activity.widgets import StopButton


Niños 2010. Autopercepción de dominio:
"qué sabes hacer con una computadora...".
Comparativo Montevideo-Canelones 2009-2010 (%)
Jugar
Buscar información en Internet
Escribir
Dibujar o pintar
Chatear
Bajar música imágenes o videos
Usar correo electrónico
Participar en un blog
100
50
0
Montevideo-Canelones 2009 (Sin Ceibal)
Montevideo-Canelones 2010 (Con ceibal)
Fuente: Área de Evaluación del Plan Ceibal, DSPE - ANEP, en base a encuesta a Niños 2010



Walter Bender CC BY-SA


Search
Rhythm
Meter
Pitch
Intervals
Tone
Ornament
Volume
Drum
Widgets
action part 1
bar
note value 1 4
drum kick drum
name pitch ti
octave 4
arc
note value 1 4
drum kick drum
name pitch la
octave 4
arc
note value 1 2
drum snare drum
name pitch sol
octave 4
arc
action part 2
bar
duplicate 4
note value 1 8
drum kick drum
name pitch sol
octave 4
arc
note value 1 8
drum tom tom
name pitch la
octave 4
arc
action bar
pen up
set xy x + x 200
y 0
pen down
start
pen up
set xy x -600
y 0
pen down
set pen size 25
repeat 2
part 1
part 2
part 1
action arc
set color ↓ ÷ heading 3.6
angle arc radius × note value 360 100


Questions?
walter@sugarlabs.org