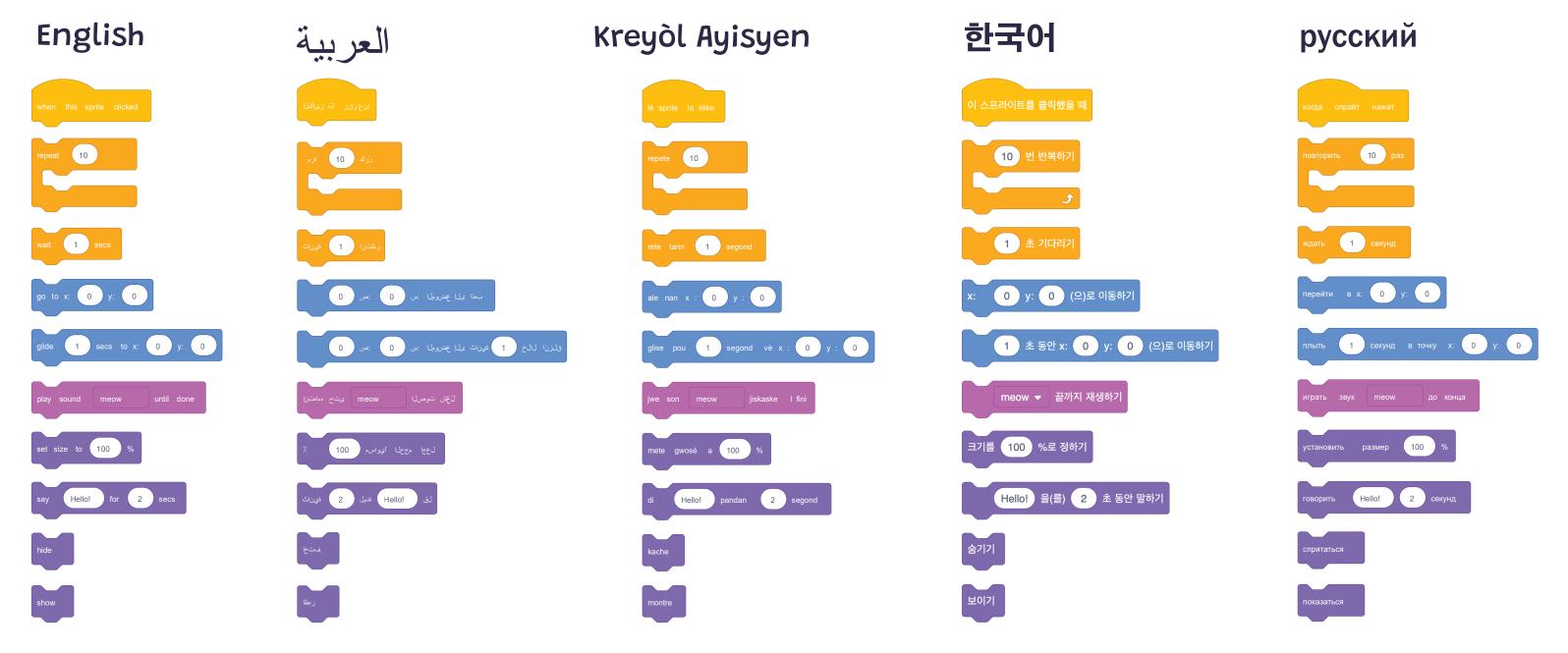# 10 Blocks Across Languages:
Translanguaging with Scratch!

As CS for All rolls out across the nation, CS educators should ask themselves: "What language(s) do my students use?" Language helps us learn, code, and communicate in the CS classroom and beyond. It is also closely tied to our identities. In New York City, public school children speak over 150 languages. In 2018-19, 13% of NYC students were considered "Multilingual Learners / English Language Learners" (MLL/ELL). That's 154,276 kids—more than the entire student population of several states!

This resource features ten Scratch blocks written in top languages spoken by NYC public school students. We've included the blocks most often used in the "10 Block Challenge," a popular activity published in the Creative Computing Curriculum by the Creative Computing Lab at Harvard's School of Education. Scratch code can be viewed in most of these languages by clicking on the globe icon in the editor's menu. Some languages — such as Haitian Creole — are not yet supported in Scratch. We used Google Translate and draft translations from the Scratch translation community to create this resource, so it's likely not perfect! Please let us know if modifications are needed. You can also help translate Scratch into top NYC languages such as Urdu. Your help can bring us a step closer to a more linguistically diverse Scratch program.

How to use this resource:
- Students can use this as a quick reference to locate blocks for a project.
- Post this in your classroom to foster a multilingual ecology.
- Help translate blocks into a home language not supported in Scratch.

English	العربية	Kreyòl Ayisyen	한국어	русский
when this sprite clicked	النقر عند هذا ... عند	lè sprite la klike	이 스프라이트를 클릭했을 때	когда спрайт нажат
repeat 10	كرر 10	repete 10	10 번 반복하기	повторить 10 раз
wait 1 secs	انتظر 1 ثانية	rete tann 1 segond	1 초 기다리기	ждать 1 секунд
go to x: 0 y: 0	... ص: 0 س: 0	ale nan x : 0 y : 0	x: 0 y: 0 (으)로 이동하기	перейти в x: 0 y: 0
glide 1 secs to x: 0 y: 0	... 0 س: 0 ص: انزلق خلال 1 ثانية	glise pou 1 segond vè x : 0 y : 0	1 초 동안 x: 0 y: 0 (으)로 이동하기	плыть 1 секунд в точку x: 0 y: 0
play sound meow until done	meow حتى تمامه الصوت شغل	jwe son meow jiskaske l fini	meow 끝까지 재생하기	играть звук meow до конца
set size to 100 %	% 100 اجعل الحجم مساوياً	mete gwosè a 100 %	크기를 100 %로 정하기	установить размер 100 %
say Hello! for 2 secs	قل Hello! لمدة 2 ثانية	di Hello! pandan 2 segond	Hello! 을(를) 2 초 동안 말하기	говорить Hello! 2 секунд
hide	اخفِ	kache	숨기기	спрятаться
show	أظهر	montre	보이기	показаться

PiLa-CS

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English

- when this sprite clicked
- repeat 10
- wait 1 secs
- go to x: 0 y: 0
- glide 1 secs to x: 0 y: 0
- play sound meow until done
- set size to 100 %
- say Hello! for 2 secs
- hide
- show

汉语

- 当角色被点击
- 重复执行 10 次
- 等待 1 秒
- 移到 x: 0 y: 0
- 在 1 秒内滑行到 x: 0 y: 0
- 播放声音 meow 等待播完
- 将大小设为 100
- 说 Hello! 2 秒
- 隐藏
- 显示

Español

- al hacer clic en este objeto
- repetir 10
- esperar 1 segundos
- ir a x: 0 y: 0
- deslizar en 1 segs a x: 0 y: 0
- tocar sonido meow hasta que termine
- fijar tamaño al 100 %
- decir Hello! durante 2 segundos
- esconder
- mostrar

O'zbekcha

- shu sprayt bosilganda
- 10 marta takrorlash
- 1 soniya kutish
- x: 0 y: 0 ga borish
- 1 soniyada x: 0 y: 0 ga borish
- meow ni tugaguncha ijro etish
- o'lchamni 100 ga sozlash
- Hello! ni 2 soniya aytish
- yashirish
- ko'rsatish