

Application Review Rubric

1

Scratch for Microbit

<https://scratch.mit.edu/microbit>

<https://apps.apple.com/us/app/micro-bit/id1092687276/?platform=ipad>

<https://play.google.com/store/apps/details?id=org.scratch>

Requested by: mendoza_fl@aps.edu

Function: This app links Microbits to the Scratch programming website

This is a: **Chrome app** __, **Extension** __, **Add-on** __, **iOS App** __, **Other** __,

This will be used by: **Staff** __ **Students: Primary K-2** __, **Intermediate 3-5** __, **Secondary 6-12** __, **Special Ed** __

Scoring 53/60

Rubric for Educational Technology							
CATEGORIES	1	2	3	4	5	NOTES	SCORE
Data Privacy	Company shares or sells personal information to 3rd parties	Company is not responsible for protecting personal information.	IF Personally Identifiable Information (PII) is collected, it is not shared except for the purpose of managing the site.	Complies with COPPA or FERPA	Complies with both COPPA and FERPA	Privacy Policy URL: https://scratch.mit.edu/privacy_policy We and our service providers use Personal Information that we collect on the Site, such as your location and your activities on the Site, to monitor and analyze usage of the Site and to improve and enhance the Site.	3
Age Restrictions	Not intended for use by children.	Policy does not address use by children.	Up to the parent to notify the company if a minor has created an account.	Parent consent required under 13	Approved for users of all ages. No PII collected.	Parents and guardians who register their under-16 year olds for Scratch may also receive additional updates from the Scratch Foundation, a non-profit that supports Scratch educational initiatives.	4
Security	Application does not manage or protect student / employee data	Users should take steps to protect their own passwords	Application does not collect Personally Identifiable Information (PII)	Utilizes basic encryption technology.	Application is committed to protect student / employee data	For example, we use SSL/TLS for all data transfer and strictly limit access to the Scratch servers and the data we store on them. However, as effective as these measures are, no security system is impenetrable. We cannot	5

Application Review Rubric

2

						completely guarantee the security of our databases, nor can we guarantee that the information you supply will not be intercepted while being transmitted to us over the Internet.	
Advertising	Pop-ups, Possible Malware	Inappropriate Advertising such as online dating or gaming. Email marketing of 3rd Party products.	Excessive or questionable ads. Email promotions of product features.	Minimal harmless Ads (i.e., car insurance) not blocking access to content	No Advertising	No advertising	5
Pricing	Using illegally, shared login info, etc.	Free version with temporary access.	Free service.	Using Free Version. Upgrade available but not required.	Fully functional with no cost to the user. Paid for by the user, school or district.	App is free, cost associated with hardware	5

Rubric for Educational Technology							
	1	2	3	4	5	NOTES	SCORE
Suitability	Not appropriate.	Includes access to topics that are inappropriate for children. Chat or online post function available	Acceptable	Content is very broad but not inappropriate	Content and function designed for K-12 Education.	The app is an interface to allow Scratch Jr. to connect to the Microbits board (hardware) and allow students to manipulate it by coding.	5
Technical Merit: Interoperability	Non-functioning, completely unusable or terminates productivity	Significant debilitating Technical Issue(s); Requires assistance	Borderline	Occasional debilitating interoperability issues. Limited user roles.	Zero technical issue(s); No assistance required	Several reviews cite problems with connecting to Scratch website, login and technical glitches	4
Technical Merit: System Requirements	Application does not work smoothly with APS	Application partially works with APS	Does not work with all platforms or Operating	Application mostly work with APS technology;	Application work with APS technology	Works with Windows, MacOS and ChromeOS. No iOS compatibility. Requires Bluetooth to connect to	4

Application Review Rubric

3

	technology	technology; Requires assistance	Systems	Requires some assistance		Microbit board	
Technical Support Needed						Roster Sync Y or N [N] Roster Data Source? [N] Airwatch Deployment? [Y] GAC Deployment? [Y] Google Classroom Integration [N] Classlink Deployment? [N] Servicedesk Support? [N] PD / Training Required? [N]	
Accessibility		Content posted in JPEG or other unreadable format	Mix of Accessible and non-accessible content	Content posted in HTML or PDF for screen readers	Embedded Accessibility Features	Graphic touch and drag interface	4
Ease of Use	Extremely difficult to start; Difficult to use; Significant PD required	Unclear in how to use and what options are available.	Acceptable	Confusing to start; Moderately easy to use; Light PD is helpful	Easy to start; Easy to use; No PD necessary	Users states in reviews the app is easy to use	5
Comprehensiveness & Effectiveness of Features	Features do not address specific needs	Insufficient feature set; Limited product utility	Acceptable	Robust/complex functionality but could be overwhelming/con fusing	Cohesive, powerful and useful feature set; Among 10%	Multi-platform that works with/links with MIT Scratch programming app; circuit-board focus	5
Comprehensiveness & Accuracy of Content	Inaccurate, inappropriate or insufficient content	Questionable accuracy; Inappropriate amount; Differentiation impossible	Borderline	Mostly accurate; Too much or too little; Differentiation possible	Accurate and useful content; Unlimited differentiation	Info/instructions on connecting to the website may be unclear to users/confusing based on the number of reviews referencing technical challenges with logons.	4

Comments:

Application Review Rubric

4

Andy Gutierrez - no questions or concerns, approved.

Lucas Gutierrez

Aimee Milazzo

Aaron Jaramillo

Shellmarie Harris I approve this app