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CRITICAL EVALUATION OF A WEB SITE: WEB SITES FOR USE BY EDUCATORS

© 2002-12. Kathleen Schrock (kathy@kathyschrock.net)

Kathy Schrock's Home Page <http://kathyschrock.net>

What type of connection do you have to the Internet?

High-speed connection DSL T1 T3 Broadband/cable/satellite Other/don't know

What Web browser are you using? Safari

Are you using a tablet to view the page Yes No

What is the URL of the Web page you are evaluating? <http://www.khanacademy.org/computing/computer-programming>

What is the name of the site?

Khan Academy Coding

programming

Place an "x" in the appropriate checkbox.

Part 1: Technical and visual aspects of the page As you look at the questions below, put an X in the yes or no column for each.	YES	NO
1.1 Does the page take a long time to load?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.2 Do any pictures or photographs on the page add to the information?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.3 Is the spelling and grammar correct on the page?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4 Are there headings and subheadings on the page?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• If so, are they helpful?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.5 Is the page signed by the author?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.6 Is the author's e-mail address included?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.7 Is there a date on the page that tells you when it was last updated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• If so, is it current?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.8 Is the format of the page standard and readable with your browser?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.9 Is there an image map (large clickable graphic with hyperlinks) on the page?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.10 Is there a table (columns of text) on the page? (Check the source code to be sure.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• If so, is the table readable with your browser?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.11 If you have graphics turned off, is there a text alternate to the images?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.12 On supporting pages, is there a link back to the home page?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.13 Are the links clearly visible and annotated or explanatory?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.14 Do photographs or sound files appear on the page?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• If so, can you be sure that a picture or sound has not been edited?	<input type="checkbox"/>	<input type="checkbox"/>
• If you're not sure, should you accept the information as valid for your purpose?	<input type="checkbox"/>	<input type="checkbox"/>

Summary of Part One

Using the data you have collected above, write a short statement explaining why you would or wouldn't recommend this site to a fellow educator.

I would absolutely recommend this site to anyone wanting to explore the field of coding or computer programming. The content is easy to navigate, offers multiple paths to mastery, and gives appropriate and relevant feedback. The options for coaching and teacher reporting is great too!

Part 2: Content As you look at the questions below, put an X in the yes or no column for each.	YES	NO
2.1 Is the title of the page indicative of the content?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.2 Is the purpose of the page indicated on the home page?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.3 Does the page include the date it was created?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.4 If there is no date, does the information appear to be current?	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Does up-to-date information matter for your purpose?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.6 Is the information found on the page useful for your purpose?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.7 Would it have been easier to get the information somewhere else?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.8 Would information somewhere else have been different? • Why or why not? The information is relevant and kept up-to-date with current trends in coding. It is consistent with other sites offering similar instruction.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.9 Did the information lead you to other sources, both print and Web, that were useful?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.10 Is a bibliography of print sources included?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.11 Does the information appear biased? (One-sided, critical of opposing views, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.12 Does the information contradict something you found somewhere else?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.13 Do most of the pictures supplement the content of the page?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 3: Authority As you look at the questions below, put an X in the yes or no column for each.	YES	NO
3.1 Who created the page? Khan Academy		
3.2 What organization is the person affiliated with? Khan Academy		
3.3 Conduct a <i>link:</i> command in a search engine to see who links to this page. Can you tell if other experts in the field think this is a reputable page?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.4 Does the domain of the page (k12, edu, com, org, gov) influence your evaluation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.5 Are you positive the information is valid and authoritative? • What can you do to validate the information? Verify the instructional materials with other educational resources.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.6 Are you satisfied the information is useful for your purpose? • If not, what can you do next?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.7 If you do a search in the newsgroups (i.e. Google Groups) for the creator of the page, do you find any information proving the Web page author is an expert in the field?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 4: Pedagogy As you look at the questions below, put an X in the yes or no column for each.	Y	N	N/A
4.1 Does the information on this page adhere to research-based principles of teaching?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2 Does the information on this page provide replicable best-practice information?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3 Does the information on the page provide links to professional teaching standards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4 If the site is intended to provide professional development for educators, is the information presented using multiple modes of presentation, such as the use of text, illustrations, videos, audio, etc.?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part 5: Narrative Evaluation

5.1 Looking at all of the data you have collected above while evaluating the site, explain why this site is (or is not) valid for your purpose. Include the aspects of technical content, authenticity, authority, bias, pedagogy, and subject content.

I found this site to be an excellent resource for anyone wanting to explore the world of coding and computer programming. It was developed to allow students and adults to gain knowledge on the language of technology. The site is well managed with frequent updates to keep the content relevant and of interest to the users. The instructional model is effective, appropriate and easy to navigate. Learners have multiple paths to mastery with remediation options. There is a built in coaching and reporting feature available to teachers.