

cseiresearch.org:
An Easy-to-use Resource for
Finding Evaluation Instruments for your RPP

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What if...

...you wanted to assess content knowledge among students participating in your new CS course or curriculum?

Wouldn't it be nice to go to one centralized site to find pre-made assessments?

We've started this!

- cse-research.org
 - A framework for data curated from articles related to K-12 CS education
 - Includes evaluation instruments related to computing, STEM, and general assessments related to educational psychology

Resource created

csedresearch.org - Soft launch March 2018, hard launch October 2018

@csedresearch - Launched December 2018

Evaluation Instruments

- Over 100+ instruments collected (General, STEM, CS)
 - Largest concentration on CS (over 50 instruments)
- Manually curated information about instruments
- Linked to articles that use the instrument
- Users can submit their own evaluation instruments for inclusion

Type	Demographic	Year Published	Assessed	Number of Questions	Cost
<ul style="list-style-type: none"> • General • STEM • Computing 	<ul style="list-style-type: none"> • PreK-5th • 6th-8th • 9th-12th • Undergrad • Grad/Pre-service • PD • Instructors • Parents 	<ul style="list-style-type: none"> • 2010-2019 • 2000-2009 • 1990-1999 • 1980-1989 	<ul style="list-style-type: none"> • Validated • Assessed 	<ul style="list-style-type: none"> • 1-15 • 16-30 • Etc. 	<ul style="list-style-type: none"> • Fee • Pay to Access

If (Type == “Computing”)				
Content Knowledge	Student Engagement	Learning Strategies	School Climate	Social-Familial Influences
<ul style="list-style-type: none"> • Computational Thinking • Algorithm Analysis • Etc. 	<ul style="list-style-type: none"> • Behavior • Cognition • Affect 	<ul style="list-style-type: none"> • Cognitive • Meta-cognitive • Behavioral 	<ul style="list-style-type: none"> • Academic Emphasis • Teacher Variables • Leadership • Other 	<ul style="list-style-type: none"> • Parent/Family • Peer Influences
Constructs are shown below these noncognitive categories				

Evaluation Instruments (Beta)

Filters

Clear Filters

Results (50 Instruments Found)

Results per Page: 10

Type

- Computer Science
- STEM
- General

Demographic

- PreK - 5th
- 6th - 8th
- 9th - 12th
- Undergraduate
- Graduates/Pre-Service
- Professional Development
- Instructors
- Parents

Student Content Knowledge

- Computational Thinking

Type : Computer Science

[Algorithm Analysis Concept Inventory](#) | 2016

"The final exam was based on a pilot version of the Algorithm Analysis Concept Inventory (AACI) that was developed to target fundamental efficiency concepts and probe students mis ... [Read More](#)

[BASICS Study Student Implementation Questionnaire](#) | 2017 [URL](#) | [PDF](#)

"The questionnaire is organized into three sections: (1) items and scales for measuring implementation of the ECS curriculum, (2) items and scales for measuring contextual factors ... [Read More](#)

[BASICS Study Teacher Implementation Questionnaire](#) | 2016 [URL](#) | [PDF](#) | [Ms Word](#) | [Qualtrics](#)

"The questionnaire is organized into four sections: (1) items for capturing school/class background information, (2) items and scales for measuring implementation of the ECS curric ... [Read More](#)

[BASICS Study Teacher Interview Guide](#) | 2016 [URL](#) | [PDF](#) | [Ms Word](#) | [Qualtrics](#)

"The semi-structured Interview Guide focuses on teacher use of the ECS curriculum and teacher perceptions of the supports and barriers to implementing ... [Read More](#)

Site Feedback/Enhancements

- As part of the RPPforCS community, what needs do you have?
- How could the site be improved/enhanced to make it more useful to you?
- Are you interested in submitting articles or evaluation instruments to grow the number of instruments?

Contact information

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