

Webinar Series on Remote Learning

TITLE

Project-Based, Interactive Learning in Virtual Education

BRIEF SYNOPSIS

Project-based learning works great in-person, as well as online both synchronously and asynchronously. Hands-on, student-led experiences make even more sense now that we are all virtual; instead of passively watching as the learning passes by, they can be busy creating something. Learn to blend relevance, content, the real world, and active learning into your classes.

SPEAKER

Doug Bergman

SPEAKER BIO:

Doug Bergman is the Computer Science Department Chair and Upper School teacher at Porter-Gaud School in Charleston, South Carolina. He has been teaching 100% project-based classes his entire career. He is the author of Computer Science K-12: Imagining the Possibilities, a book that looks at how to bring innovation, creativity, student choice, and projects into the classroom. He has presented nationally and internationally, led workshops, and designed curriculum. He has taught and learned in the U.S. and abroad in every possible setting of education, including face-to-face, online, blended, asynchronous, and synchronous.

DURATION

54 min 53 sec

TIMESTAMPS

[0:00](#) – Speaker Introduction

[3:52](#) – Section 1: Projects and Choice – Student buy-in, Relevance, Project depth

[8:45](#) – Section 1: Takeaways

[9:06](#) – Section 2

[23:18](#) – Section 2: Takeaways

[24:05](#) – Section 3: Evaluation and Grading – What do grades mean, Progress vs. end result, Rubrics

[36:06](#) – Section 3: Takeaways

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Q&A with Doug Bergman:

Q: Do you have any effective ways to teach students about how to narrow or broaden the scope of their research given the timeframe of the module?

A: Clearly state what research needs to be done, and what their proposal must include.

Q: We are reading that Zoom app is not safe to use for meetings or class, is this correct?

A: Security of individual tools should be determined by your institution's IT department. There are different requirements for each school, country, etc.

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RESOURCES

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[AWS Educate Office Hours for Educators and Students](#) – Webinars, office hours, and training sessions for educators and students

[Slack](#) – Slack is a collaboration platform that replaces email and helps teams work together efficiently.