

DENMARK: EARLY CHILDHOOD – ELEMENTARY STEM MAKERSPACES FOR YOUNG CHILDREN

EARLY CHILDHOOD & ELEMENTARY STEM & MAKERSPACES FOR YOUNG CHILDREN:

Technology is moving apace; indeed it's accelerating. Increasingly, prospective employers of high school and university graduates ask for new types of "literacy" and problem solving – paramount among these computer literacy. The PD helps elementary-level teachers develop science programs, and STEM integration tools at the early childhood and upper elementary levels. This trip will position you to encourage your students' natural interest in coding, gaming & robotics. You will deploy your new knowledge to support your students' use of these tools. Embedding CGR in your curriculum will catalyze your students' critical thinking – and their access to high-quality university experiences & job prospects as young professionals. This PD will include sessions, observations and classroom materials to support the teaching of students from 5 to 15 years old.

CURRICULUM INNOVATION: This delegation of education-sector professionals will visit DENMARK from April 17 through 26, 2020. The main theme of this 10-day spring course is: "Curriculum innovation through coding, gaming, and robotics". Via classroom observations and wide-ranging dialogue with colleague-educators in the small Scandinavian powerhouse, we will explore pedagogical technique, teacher training, and the embedding of 21st century technology in the curriculum.



MAJOR TAKEAWAYS. During our 11-day course, delegates will explore why and how Denmark offers such an excellent digital infrastructure, how its schools deploy CGR in the elementary and secondary curricula, how they measure success. While in Denmark, we'll observe classes, attend university-level workshops, and hold roundtable discussions with teachers and students! This Denmark PD will give you new ideas for curriculum design and integration.

EDUCATION IN DENMARK. The provision of high-quality education at all levels is essential to ensure competitiveness in today's global society. Danish education aims to ensure that all young people acquire the knowledge and competencies that will qualify them to take an active part in society and contribute to its meaningful development. In Denmark, education is open to all equally, and it's generally free of charge: http://hfc.dk/media/252204/the_danish_education_system_pdfa.pdf. Great importance is attached to the internationalization of education and training in Denmark. The objective is to prepare students to meet the challenges of a globalized world by including intercultural understanding and international competencies in the entire educational system. Internationalization at all levels of the education and training system is supported and promoted by the Danish Agency for Higher Education – an agency within the Ministry of Higher Education and Science. Please read more about the Agency at www.ufm.dk. Indeed, innovation and entrepreneurship are a natural part of the Danish DNA. Danish innovators are leaders when it comes to sustainability and green living. Clean energy is a Danish passion, and in Denmark 30 percent of all energy used already comes from renewable sources. Wind energy is well-established in Denmark, as is bioenergy, solar, and geothermal.

DANISH HISTORY & CULTURE. We will, of course, also dive into cultural encounters in the afternoons. We will create time for cultural awareness modules and sightseeing, designed to increase awareness of Denmark's contemporary realities. We'll take part in a wide variety of enjoyable activities that highlight this nation's fascinating history, culture, architecture, and use-of-space. We'll make local community visits, and enjoy outdoor leisure to heighten our appreciation of Denmark's rich natural environment. Activities are designed to reinforce our workshops and discussions – to place them in context – and to promote respect for Denmark's unique heritage. implementing IT into multidisciplinary learning modules.

PROGRAM FORMAT. The format for the week is as follows:

- Weekend orientation and site visits.
- 4 days professional learning, to include university-level workshops and primary/secondary classroom observations.
- Informal, interactive educator-to-educator dialogues.
- Campus tours.
- Visits to corporations leading the way in technology and Makerspace.
- Weekend tours to appreciate Danish history & culture in context.

AMSTERDAM HISTORY & CULTURE. Weekend optional excursion to cultural and history of Amsterdam. We will, of course, also dive into cultural encounters in the afternoons. We will create time for cultural awareness modules in Amsterdam.

DATES AND PAYMENT

PRICING

\$3199 per person sharing. **Early-birds pay \$2999 if registering with deposit by August 31, 2019. Single room is an additional \$450.

PAYMENT SCHEDULE

Registration & Deposit:

September 1, 2019: Amount Due \$500.00

2nd Payment:

October 1, 2019: Amount Due \$500.00

Third Payment:

November 1, 2019: Amount Due \$500.00

Fourth Payment:

December 1, 2019: Amount Due \$500.00

Fifth Payment:

January 1, 2020: Amount Due \$500.00

Sixth Payment:

February 1, 2020: Amount Due: Regular Price Balance \$699.00. Early-bird balance \$499.00

For weekend extension to Amsterdam, additional cost of \$300 per person sharing and single room additional at \$150

