CHATHAM HALL IN FINLAND & ESTONIA / CODING, GAMING & ROBOTICS

MARCH 15-27, 2020

► DEPART WASHINGTON DULLES FOR HELSINKI, FINLAND (VIA REYKJAVIK) / SUNDAY, MARCH 15, 2020
- Depart Washington Dulles International Airport for Reykjavik, Iceland on Icelandair #644 at 8:30 PM

► ARRIVE HELSINKI ~ GET SETTLED ~ ORIENTATION / MONDAY, MARCH 16, 2020
- Arrive Reykjavik at 6:30AM / Depart Reykjavik on Icelandair Flight #342 at 7:30 AM / Arrive Helsinki at 1:50 PM
- Meet Maddalena Benedetti, your guide & transfer to the GLO Hotel Art: https://www.glohotels.fi/en/hotels/glo-art
- At the hotel, Maddalena briefs us on the week’s local logistics, weekend touring, and the school-week to come.
- Late afternoon at leisure, dinner, then overnight at the GLO Hotel Art

► GET STARTED WITH INNOVATION! & HELSINKI HIGHLIGHTS / TUESDAY, MARCH 17, 2020
- Breakfast at the hotel, then meet Maddalena in the hotel lobby
- University of Helsinki Faculty of Educational Sciences
  9:00am-11:00am Get started w/ Innovation! 21st Century Coding, Gaming & Robotics at the LUMA Center.
- Group Lunch
- Afternoon Helsinki City Tour (12:00 PM–4:00 PM). We’ll take a 4-hour guided excursion through Finland’s capital.
- Return to hotel by 5:00 PM, dinner, overnight at the GLO Hotel Art
► RIIHIMÄKI FULL DAY / WEDNESDAY, MARCH 18, 2020

- Breakfast at the hotel, then depart for Riihimäki (located approximately one hour north of Helsinki)
- Welcome Remarks from school principal, teachers and students
- At this coding- and robotics-oriented Riihimäki high school, we will interact meaningfully with local students and their teacher, Reetta-Liisa Viitanen, who will showcase what they do in the classroom and beyond! Observation, collaboration, demonstration.
- Lunch at school, and robotics activities continue through to 2:00 PM
- Transfer to local Riihimäki ice rink to skate w/ our new Riihimäki friends!
- Depart for our hotel at 4:30 PM / Arrive 5:30 PM
- Dinner & overnight at the GLO Hotel Art

► OLARI SCHOOL & ROVIO ENTERTAINMENT / THURSDAY, MARCH 19, 2020

- Breakfast at the hotel
- Travel to Espoo, about 35 minutes outside Helsinki for a second school-based observation/interaction with local peers. This is also a coding- and robotics-oriented school.
- 9.00 Arrive at Olari School (Olariinnityntie 4, Espoo)
- 9.15-10.00 Programming lesson, possibility to discuss with students (Teacher: Rita Järvinen)
- 10.15-11.30 Using ICT at mathematics and social studies project, discussion and school tour with 9th grade students (Teacher: Rita Järvinen)
- 11.30-12 Lunch
- 12.00-13.00 Presentation programming, robotics and mathematics at Olari school, w/ teacher Rita Järvinen and 7th grade students & their projects
- After school visit, travel back to Helsinki (approx. 35min)
- Afternoon: Rovio Entertainment/Angry Birds (Discussion of Finnish global leadership in gaming applications)
- Transfer to hotel at 4:00 PM
- Dinner & overnight at the GLO Hotel Art

► “CODING-IN-DISGUISE”: ASTRONAUT TRAINING / SUOMENLINNA

FRIDAY, MARCH 20, 2020

- Breakfast at the hotel
- Transfer to “Coding-in-Disguise” - Astronaut Training (9:00 AM-12:00 noon)
- Mindfulness activity on building focus – crucial for astronauts requiring a high level of presence at all times.
- Body - Astronaut Balance: Body control is essential when practicing work in a compact space
- Houston, we have communication! Team communication & process-in-place.
- Landing safely! Nonverbal communication and team excellence.
- Q&A / Farewell
- 12:00 -1:00 PM ~ Lunch and reflective discussion will end our morning in Helsinki.
- Afternoon: Suomenlinna: A UNESCO World Heritage site! Afternoon tour of this cultural treasure. Suomenlinna is an inhabited sea fortress built on six rocky islands just offshore from Helsinki harbor. Construction of the fortress commenced in 1748 as protection against Russian expansion.
• Return to the hotel at 4:00 PM
• Dinner, then overnight at the GLO Hotel Art

➤ PORVOO / AFTERNOON AT LEISURE / SATURDAY, MARCH 21, 2020

• Breakfast at the hotel
• Morning historic and cultural tour of Porvoo, an extraordinarily well-preserved medieval town east of Helsinki!
• Lunch, then a well-deserved afternoon at leisure
• Dinner, then overnight at the GLO Hotel Art

➤ TRANSFER TO ESTONIA / TALLINN CITY TOUR
SUNDAY, MARCH 22, 2020
➢ Breakfast at 7:00AM, then take the 2-hour ferry ride to Tallinn, Estional (This is a large 9-story vessel.)
➢ Drop bags/check in at the Nordic Hotel Forum (www.nordichotels.eu), then take our lunch
➢ Tallinn afternoon city tour (Tour to be led by your Estonian guide, Kadi Kallas. Tour includes Europe’s best-preserved Old Town, several iconic Soviet-era sites, Tallinn’s singular music festival venue, and Kadiorg palace.
➢ Return to the hotel at 5:00PM
➢ Dinner, then overnight at the Nordic Hotel Forum

➤ CODING, GAMING, ROBOTICS COLLABORATIONS WITH ESTONIAN STUDENTS (TALLINN SCHOOL #21 AND GUSTAV ADOLF SCHOOL)
MONDAY, MARCH 23, 2020
• Breakfast at the hotel
• Meet in hotel lobby time at 8:10 AM
• Transfer at 8:15 AM to Tallinn School #21, a prestigious, established local high school
• Welcome remarks from students & overview of coding & gaming projects at School #21
• Presenters: Juta Hirv (Deputy principal) & Rasmus (robotics teacher)
• Campus tour, followed by greeting from the school choir
• Student guides will lead and introduce us to their robotics class
• COLLABORATIVE CODING, GAMING & ROBOTICS ACTIVITIES!
• Reflections and final remarks
• Lunch at Tallinn School #21, then depart for Gustav Adolf School. (To follow similar program as above.)
• Depart Gustav Adolf School for the hotel at 4:00 PM
• Arrive back at the hotel, then dinner & overnight at the Nordic Hotel Forum

➤ PELGULINNA SCHOOL / ENERGIAKESKUS SCIENCE MUSEUM / TUESDAY, MARCH 24, 2020
• Breakfast at the hotel
• MORNING: COLLABORATIVE CODING, GAMING & ROBOTICS ACTIVITIES CONTINUE AT PELGULINNA SCHOOL
  (Program similar to yesterday at Tallinn #21 and Gustav Adolf School)
• Lunch, then transfer to Tallinn’s fun, interactive, and educational EnergiaKeskus (Science Museum)
• Return to the hotel, then dinner / Overnight at the Nordic Hotel Forum
E-ESTONIA / CLEVERON & LUMEBOT

WEDNESDAY, MARCH 25, 2020

• Breakfast at the hotel

• **Morning at E-Estonia:** This is a fascinating, one-stop shop offering insight into Estonia’s global leadership in moving virtually everything to an e-platform; think ‘e-voting’, ‘e-citizenship’, and so much more.

• Group lunch

• **Afternoon:** Cleveron and Lumebot visits. These two companies are global innovators in, respectively, package-delivery-by-drone and snow-removal-by-drone! *(We may split the group here due to time considerations.)*

• Return to the hotel, then dinner & overnight at the Nordic Hotel Forum

LAHEMAA NATIONAL PARK VISIT / THURSDAY, MARCH 26, 2020

➢ Breakfast at 7:00AM, then spend the day visiting **Lahemaa National Park** – to include manor visits, Viru bog hike, and the Käsmu Maritime Museum!

➢ Lunch in Käsmu

➢ Return to Tallinn at 5:00PM

➢ Overnight at the Nordic Hotel Forum

TALLINN → HELSINKI → REYKJAVIK → WASHINGTON → / FRIDAY, MARCH 27, 2020

• Breakfast at the hotel

• Depart hotel at 6:30 AM for ferry terminal / Ferry departs for Helsinki at 7:30 AM

• Arrive in Helsinki at 9:30 AM

• Transfer to Helsinki airport, and check in for flight home

• Icelandair Flight #343 departs Helsinki for Reykjavik at 3:05 PM; arrive Reykjavik at 3:30 PM

• Icelandair Flight #645 departs Reykjavik at 4:50 PM; arrive Washington Dulles at 7:05 PM