

NTSI First Grade, 2021 Participant Resources

[Introduction & Needs Assessment Survey](#)

Facilitator Email:

Michelle Sallin: masallin@bcps.k12.md.us

Link to join content sessions: <https://bcps-k12-md-us.zoom.us/j/85376184962>

NTSI 2021: Middle School Science Week at a Glance

Monday	Tuesday	Wednesday	Thursday	Friday
Opening Session: 8 a.m.-9:30 a.m. (link in Sched)	Opening Session: 8 a.m.-9:30 a.m. (link in Sched)	Opening Session: 8 a.m.-9:30 a.m. (link in Sched)	Opening Session: 8 a.m.-9:00 a.m. (link in Sched)	Site-Based Day, Community Learning Network Meetings, 8-11:30 a.m.
Introduction & Student Wholeness 9:50-11:20 a.m.	Content: Introduction to IQWST 9:50-11:20 a.m.	Content: Routines to use in science class 9:50-11:20 a.m.	Asynchronous Sessions: Understanding	
Lunch 11:20 a.m.-12:20 p.m.	Lunch 11:20 a.m.-12:20 p.m.	Lunch 11:20 a.m.-12:20 p.m.	504/Understanding Trauma, 9 a.m.-2 p.m. (info and links in Sched)	
Instructional Framework 12:20-1:50 p.m.	Content: Additional Resources to supplement IQWST 12:20-1:50 p.m.	Content: Preparing for your first week 12:20-1:50 p.m.		Site Based Day at the Maryland Zoo, 12 p.m.-4 p.m.
Break, 2-2:30 p.m.	Break, 2-2:30 p.m.	Break, 2-2:30 p.m.	Break, 2-2:30 p.m.	
Choice Session, 2:40-3:10 p.m. (choices and links in Sched)	Choice Session, 2:40-3:10 p.m. (choices and links in Sched)	Choice Session, 2:40-3:10 p.m. (choices and links in Sched)	Choice Session, 2:40-3:10 p.m. (choices and links in Sched)	
Virtual Cafe, 3:20-3:40 p.m. (choices and links in Sched)	Virtual Cafe, 3:20-3:40 p.m. (choices and links in Sched)	Virtual Cafe, 3:20-3:40 p.m. (choices and links in Sched)	Virtual Cafe, 3:20-3:40 p.m. (choices and links in Sched)	
Closing Session, 3:40-4:00 p.m.	Closing Session, 3:40-4:00 p.m.	Closing Session, 3:40-4:00 p.m.	Closing Session, 3:40-4:00 p.m.	

*Michelle will hold office hours on Thursday from 2:40-3:40 p.m. Please feel free to join if you have any questions. We can be reached via email any other time during the day.

Note: all session presentations will be linked at the conclusion of the session

Student Wholeness <i>This session will provide a brief introduction to one critical aspect of wholeness: social and emotional learning, or SEL.</i>	• Emotions Matter Article • Toni Morrison Video • SEL 101 Video • CASEL • Padlet • Presentation ◦ Note the presentation will not have the recorded sound • SEL Placemat
Instructional Framework	• Presentation ◦ Note the presentation will not have the recorded sound • Instructional Framework PDF • Digging into the Rubric Breakout Room Slides
Day 2 and Day 3 Presentations	• Day 2 Presentation • Day 2 Lesson 1 Activity • Day 3 Presentation
Temporary Login Credentials for District (Valid till 8/23/2021)	ID: StuTest18@bcpss.org Password: NTI2021! Directions to Activate Learning App
Introduction to IQWST	• IQWST Overview • Getting Started with IQWST • IQWST What-How-Why Curriculum Guide • Introduction to IDE • Driving Question Board Video
6th Grade IQWST Unit 1(PS1) Resources	• TE 6th Grade Unit 1(PS1) • 6th Grade Unit 1 Storyline • 6th Grade Scientific Principles • 6th Grade Unit 1 District Test • 6th Grade Unit 1 District Test Key • Phet Simulation Unit Activity • YouTube Video Suggestions

7th Grade IQWST Unit 1(IC2) Resources	• TE 7th Grade Unit 1 (IC2) • 7th Grade Unit 1 Storyline • 7th Grade Scientific Principles • 7th Grade Unit 1 District Test • 7th Grade Unit 1 District Test Key • Phet Simulation Unit Activity • YouTube Video Suggestions
8th Grade IQWST Unit 1 (ES3) Resources	• TE 8th Grade Unit 1 (ES3) • 8th Grade Unit 1 Storyline • 8th Grade Scientific Principles • 8th Grade Unit 1 District Test • 8th Grade Unit 1 District Test Key • Phet Simulation Unit Activity ◦ Note: the application has to be downloaded • YouTube Video Suggestions
District Resources	• Science Department Team Contact • Clever ◦ Activate Learning ◦ Phet Simulations ◦ Discovery Education ◦ Legends of Learning ◦ Brain Pop ◦ Khan Academy • Sign into Sharepoint • Laboratory Safety Class
Classroom Routines Resources	• Inquiry Science: 5E Model Video • Crosscutting Concepts Sentence Stems- Academic Talk • Academic Talk- IQWST • Introduction to Micro Routines • Edutopia- Strategies for Student Discussions • Eliciting Student Ideas Handout
Planning Resources	• Virtual Lesson Plans All grades • 5E Lesson Plan District Template • Common Curriculum (Lesson Plan Application) • NGSS Standards • Assessment Bank list • Unit Planning Tool- AST • Edutopia- Closure Activities

	• 1 tip to teach student to write CERs • CER template example • IQWST CER Grading Rubric • Artful Thinking- Art integration strategies • Teacher Self Reflection
Other Useful Resources	• Jamboard: Questions, Concerns, Thoughts • 7 tips for New Science Teachers • Edutopia New Teacher Article • Example Syllabus #1 • Example Syllabus #2 • Syllabus, Rules, and Procedures example • ClassTools.net (Free) • Wordwall.net (Small Fee) ◦ 7th Grade Unit 1 Example ◦ 8th Grade Unit 1 Example • Flippity (Free) • Create Pixel Art with Google Sheets • AnswerGarden- creates and answer word cloud (Free) • Digital Roll of Dice and Flip of Coin (Free) • BTU New Educator Guidebook • National Aquarium Teacher Information • National Aquarium High School Program information