

ELECTION DAY NOV 6, 2018  
 NEW HAVEN SCIENCE PROFESSIONAL DEVELOPMENT DAY  
[www.newhavenscience.org/PDDayNov62018.docx](http://www.newhavenscience.org/PDDayNov62018.docx) or [.pdf](#) or [.htm](#)

For Election Day Professional Development.

This is a full 6.5 hr work day. All science teachers are expected to attend. If you do not attend the **full day**, you must put in for a personal day in AESOP. Make sure the signin/signout sheet reflects the times you attended.

We are at ESUMS in West Haven. ESUMS is at 500 Boston Post Road in WEST HAVEN, the driveway to the parking lot (upper or lower) is off of Rockview Street/corner of Rockview and Daytona, say 44 Rockview Street in your GPS... There is about 100 parking spaces and there are 120 of us, **some carpooling is advisable** to avoid parking in UNH lots across the street.

Some info: *No food provided :(and VERY IMPORTANT!! **NO FOOD/DRINK ALLOWED IN CLASSROOMS/LABS!!** We have had issues with science teachers leaving messes in rooms and cafeterias the last year or so. **USE CENTER STAIRCASE ONLY!***

***Please bring your own laptop/device if possible.** Many of the sessions use technology, and although the school is tentatively letting us use some of theirs, it would be easier for presenters if you had your own device.*

***Please bring some things to share...** the midday sessions are for you to share ideas by curriculum/grade level area, and unit, so bring some copies/handouts of activities you use or are thinking of. We also will use that session to generate more ideas on district assessments. Please bring or access the info from the last CIAs and the science mastery rubrics. I will expect everyone to fill in part of a Google Doc with ideas around phenomena, activities, NGSS type assessment questions, etc... specific to a unit in the curriculum.*

*Please come prepared to **be engaged and interactive.** All the facilitators have been asked to make sure to make their sessions interactive, but of course that depends on the audience being respectful*

SCHEDULE, **Sessions will start on TIME, sign in at each session**

8:00–8:15 Social time, **hand in district assessments** Sign In  
 8:30–9:10 Therrien Intro, NGSS Assessment, discourse CAFETERIA  
 9:15 Sharing by VWR/Seargant Welch

9:30-10:40	SESSION ONE Pick session.. but presenters will close door when room is full!		
	Mini PCR Demo	Kalomira Kalaitzis	416
	Explanation/Argumentation	Jessica Smith/Chris Willems	520
	Gizmos	Keeler Otero	216
	Models (Summary Tables)	Matt Erickson/Steve Bauman	403
	Classroom Management	Emily Baxter	303
	YNHTI Ideas/Discussions	Jason Ward	320
	NGSS Performance Tasks	Evelyn Gallagher	422
	Assessing Practices with Tests	Charles Wentzell, et al	522

SESSION II CURRICULUM/ASSESSMENT GROUPWORK

10:40–11:40 Work/Share Sessions to discuss favorite activities, look into assessments, look ahead to sharing ideas for second quarter. etc..

6th Grade	Heather T/Deb J?	320
7th Grade	Emily B?/Evelyn R?	303
8th Grade	Matt E?/Phil R?	403
PHYCHEM	Raymond C?/Chris W?	520
BIOLOGY	Somi A?/ Haifa A?	416
CHEMISTRY	Andrea Z?	522
PHYSICS	Amanda W?	503
HEALTH	Lisa Rappa?	321
ENVIRONMENT	Charlene W?	216

Look at:

NHPS Overview of NGSS Pacing ([www.newhavenscience.org/NewHavenScienceOverviewNGSSSep2018.pdf](http://www.newhavenscience.org/NewHavenScienceOverviewNGSSSep2018.pdf))

<https://drive.google.com/open?id=1ueEniMkaKToVOJwK-aDwD3IP2NQ5XbmQ>

Consider [www.newhavenscience.org/ScienceInstructionalStrategiesNEWHAVEN.pdf](http://www.newhavenscience.org/ScienceInstructionalStrategiesNEWHAVEN.pdf), [modeling.pdf](#), [5e.pdf](#), [NHPSScienceMasteryScoringCriteria.pdf](#), [misconcept.pdf](#)

Use the googledrivefolder (or [www.newhavenscience.org/NGSSCURRICULUM](http://www.newhavenscience.org/NGSSCURRICULUM)):

<https://drive.google.com/drive/folders/0B11M94Fk8UmDanRMTnhydS1LMFE?usp=sharing>

(2015–17 curriculum facilitators have edit access, all others have view access)

–Investigate what is in your folders...

Pick a unit or part of a unit and try to identify something to share:

Phenomena, activities, sequence of learning events,

performance assessments,

district assessment questions (mc/essay with rubrics) ,

that teaches students a practice (use Science mastery rubrics

[www.newhavenscience.org/NHPSScienceMasteryScoringCriteria.pdf](http://www.newhavenscience.org/NHPSScienceMasteryScoringCriteria.pdf)

<https://drive.google.com/open?id=0B11M94Fk8UmDdzFka082LXVaeFk>)

or how to figure something out not just learn about.

Be sure to identify the NGSS PEs, evidence statements

<https://www.nextgenscience.org/evidence-statements, connections, etc..>

If possible please try and use the NGSS unit planner document

([www.newhavenscience.org/NGSSPlanner.dotx](http://www.newhavenscience.org/NGSSPlanner.dotx)):

WORD <https://drive.google.com/open?id=1wG3DEpBwy5WZXT08gA7yhfNS46w-z-22>

GOOGLEDOC <https://drive.google.com/open?id=1heahIIVO65sMMqDawGPerUsAYfTNRGCFiNhh7ewp0Wo>

Save that document with links to activities or drop word/pdf copies into the upload folder

<https://drive.google.com/drive/folders/1AkqO9tlvb6G9cshBTs2baqnIRYzAB8s?usp=sharing>

in the document, making sure to rename it!

If designing assessments, just start a new document to drop in:

\*\*\*Key NGSS style summative assessment links ([www.newhavenscience.org/ASSESSMENTLINKS.docx](http://www.newhavenscience.org/ASSESSMENTLINKS.docx)):

WORD [https://drive.google.com/open?id=1\\_7Sqc5V9bVu8T40Ixb0ShSNeGHfx4JNg](https://drive.google.com/open?id=1_7Sqc5V9bVu8T40Ixb0ShSNeGHfx4JNg)

GOOGLE DOC <https://drive.google.com/open?id=1Lr3R-cNQI9zhPC8V40x-SuqIrvI8uNL-HCb6W5ru7Bk>

LUNCH 11:40–12:30 On own, see many places near by... BACK ON TIME!

12:30–1:40 SESSION THREE: CURRICULUM/ASSESSMENT GROUPWORK

6th Grade	Heather T/Deb J?	320
7th Grade	Emily B?/Evelyn R?	303
8th Grade	Matt E?/Phil R?	403
PHYCHEM	Raymond C?/Chris W?	520
BIOLOGY	Somi A?/ Haifa A?	416
CHEMISTRY	Andrea Z?	522
PHYSICS	Amanda W?	503
AP BIO & other AP	Paul J?	321

1:40–2:50

SESSION FOUR

BioEthics	Andrea Zullo	416
Explanation/Argumentation	Jessica Smith/Chris Willems	520
BackPocket Questions	Deborah Johnson	320
Models (Summary Tables)	Matt Erickson/Steve Bauman	403
Classroom Management	Emily Baxter	303
Science Fair Discussion/Ideas	Jack Crane, Corazon Libao	503
NGSS Performance Tasks	Evelyn Gallagher	422
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2:50 Evaluation/Sign Out (note, please make sure to sign out/sign in )

Please do evaluation at <https://www.surveymonkey.com/r/NHPSSciencePD2018>