2019-2020 NWOET Customized PD

SIGN UP NOW!

For: _____
(District or Building Name)

Signed: _____
(Authorized District Representative)

Purchase Order Number
(or specify payment method): _____

NWOET Membership:

- ❒ ***BEST BUY!*** *$6,500 for 2 years Comprehensive Membership + 100 hour PD*
- ❒ *Comprehensive Membership - $1.95 adm (free PD**)*
- ❒ *Basic Membership - Free (All services available to Basic Members for 50% more.)*

In District Professional Development:

Add to your Comprehensive Membership:

- ❒ *$ 3,500 - 30 hour PD, Comp Members (travel free)*
- ❒ *$ 4,500 - 40 hour PD, Comp Members (travel free)*

Also Available From NWOET:
FOR COMPREHENSIVE MEMBERS

District Technology Course Review

- ❒ *$1,500 (or 10 hours of your 'free pd' Comp. member hrs.)*

Ohio's Learning Standards Curriculum Review (Map) for: Technology & Computer Science

- ❒ *$1,800 Technology OR Computer Science (or 12 of your 'free pd' Comp. member hrs.)*
- ❒ *$ 2,500 Technology AND Computer Science (or 15 your 'free pd' Comp. member hrs.)*

District Technology Course Review + ODE Technology Standards Review + ODE Computer Science Standards Review

- ❒ *$3,500 (or 20 of your 'free pd' Comp. member hrs.)*

FOR BASIC MEMBERS

District Technology Course Review

- ❒ *$2,500 for Basic Members*

Ohio's Learning Standards Curriculum Review (Map) for: Technology & Computer Science

- ❒ *$2,600 Tech OR Computer Science standards*
- ❒ *$3,600 Tech AND Computer Science standards*

District Technology Course Review + ODE Technology Standards Review + ODE Computer Science Standards Review

- ❒ *$4,700 for Basic Members*

***Comprehensive members receive free professional development based on building and district size, no charge for travel. 2-hour minimum for each district visit. See contract for full details.*

Northwest Ohio NWOET Educational Technology

Technology Curriculum Reviews

TECHNOLOGY CURRICULUM REVIEWS

Reviews available include:

District Technology Course Review
Ohio's Learning Standards For:

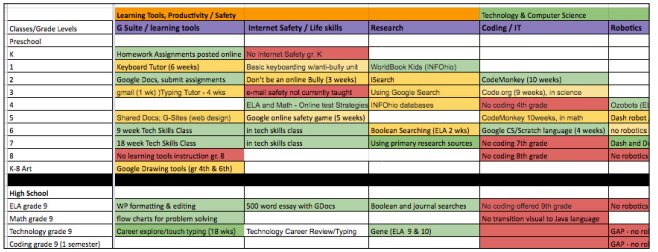
- *Technology K-12*
- *Computer Science* K-12*

"It's not just Google anymore."

**Scheduled for release Spring 2019*

District Technology Course Review

A comprehensive review of your existing pK-12 technology instruction, highlighting areas of strength, potential ways to support staff, and a gap analysis to help you identify and prioritize your future investments in technology tools and staffing.



	Learning Tools, Productivity / Safety			Technology & Computer Science	
Classes/Grade Levels	G Suite / learning tools	Internet Safety / Life skills	Research	Coding / IT	Robotics
Preschool					
K	Homework Assignments posted online	No internet Safety gr. K			
1	Keyboard Tutor (6 weeks)	Basic keyboarding w/anti-bully unit	WorldBook Kids (NFOhio)		
2	Google Docs, submit assignments	Don't be an online Bully (3 weeks)	iSearch	CodeMonkey (10 weeks)	
3	gmail (1 wk) /Typing Tutor - 4 wks	e-mail safety not currently taught	Using Google Search	Code.org (9 weeks), in science	
4		ELA and Math - Online test Strategies	NFOhio databases	No coding 4th grade	Ozobots (El
5	Shared Docs, G-Sites (web design)	Google online safety game (5 weeks)		CodeMonkey 10weeks, in math	Dash robot
6	9 week Tech Skills Class	in tech skills class	Boolean Searching (ELA 2 wks)	Google CS/Scratch language (4 weeks)	no robotics
7	18 week Tech Skills Class	in tech skills class	Using primary research sources	No coding 7th grade	Dash and D
8	No learning tools instruction gr. 8			No coding 8th grade	No robotics
K-8 Art	Google Drawing tools (gr 4th & 6th)				
High School					
ELA grade 9	WP formatting & editing	500 word essay with GDocs	Boolean and journal searches	No coding offered 9th grade	No robotics
Math grade 9	flow charts for problem solving			No transition visual to Java language	
Technology grade 9	Career explore/touch typing (18 wks)	Technology Career Review/Typing	Gene (ELA 9 & 10)		GAP - no ro
Coding grade 9 (1 semester)					GAP - no ro

Sample course review.

What will I receive?

A color-coded report showing areas of strength, gaps, and potential ways to build your technology curriculum, as well as specific suggestions for professional development through a variety of online, on-site and off-site professional development options which includes, but is not limited to, PD that may be provided by NWOET.

NWOET will remain available at no additional cost for consultation as you implement your plan. Includes leadership orientation, data gathering, reporting document, summary presentation to leadership, and unlimited consultation for 12 months on your curriculum development.

Plus:

- Course Review Chart
- Gap Analysis
- Staffing Chart
- Unlimited consultation*

How long will it take?

Typically NWOET will spend about 4-6 hours in your buildings, and require about 2 hours time from your leadership (see 'District responsibilities'). About 2 weeks after meeting NWOET will provide you with a preliminary report, be available to answer questions, and help you make decisions about your current and future technology curriculum implementation.

District responsibilities?

Individuals familiar with the current curriculum offered in your early learning, elementary, middle/junior high and high school levels will meet as a team or individually with NWOET. Typically this will include:

- Tech Coordinator / Integration Specialist
- Curriculum Director
- Building Principal
- Other district and teacher leaders you recommend

Typically the in-person review will require about 60-90 minutes, and may be as a K-12 team (preferred) or conducted separately for each grade range. We encourage a pre-meeting lasting 20-30 minutes – often at an already scheduled district leadership meeting – for an orientation and to answer questions about the process and expected outcomes.

Course gap analysis

Reading needs to be ongoing – with no gaps – if skills are to be maintained and grow. This applies to technology skills as well – most especially coding. We help identify gaps in your curriculum and can help you determine when to add a course, or shift the grade where specific skills are taught. (See Course Review & Gap Analysis back cover of this flier)

Reviewed Skills Include:

Learning Tools

Internet safety
Basic keyboarding
Homework posted online
G Suite
Research tools
Typing tutors
Assistive technology

College-ready Tool

Office/Office 365

Coding

Visual codes
Text based codes
Credentials
A+/AP and others

Robotics

Ready-to-run
Code your robot
Digital controllers
Build your own

Emerging Tech

MakerSpace
Augmented reality
Virtual reality
Drones
Artificial intelligence
Cyber security

Creativity Tools

Drawing
CAD
Adobe Suite

Standards Technology Curriculum Review

Technology & Computer Science*

NWOET will help your teachers evaluate if the course they are currently teaching includes the specific standards included in the model curriculum as adopted by the Ohio Department of Education.

What will I receive?

A color-coded report

- Which standards are taught?
- Topics covered?
- When is concept taught?
- Are necessary technology tools available?
- How rigorous is the instruction?

Sample learning standards review.

The ***STANDARDS REVIEW*** takes a much deeper look at content. Often referred to as a curriculum map, this process compares learning objectives being taught, compared with the standards as adopted by the ODE.

How does a NWOET standards review work?

Teachers complete an online survey provided by NWOET which covers every content standard, divided by grade levels. NWOET uses this data to create color coded reports, and provides district, content/topic area, and upon request, teacher-level reports indicating how completely the standards are being taught. NOTE: this is a teacher-driven, self-assessment on WHAT is being taught, NOT an evaluation of the teachers, methods or quality of instruction.

District responsibilities

Total teacher time per-course/grade taught is about 60-120 minutes including a 30 minute orientation and participation in a 20-30 minute facilitated online survey.

Ideally teachers will be grouped by grade (e.g. K-3) or content (e.g. 'coding'). Teachers with semester or full year courses, may require 30-90 minutes additional per course to complete their survey(s).

What is different between the Course Review and The Standards Review?

The ***COURSE REVIEW*** is a 'high level' view which looks at what courses are being taught, divided into the five major areas usually found in K-12 schools.

Staffing levels, professional development, and a gap analysis intended to identify breaks in the sequence of instruction that might impact student readiness to pursue a degree or industry credentials will be reported.

Which review is right for my district?

The course review is appropriate for all districts and will help you plan for future investments.

Standards Review for Technology

The Ohio Learning Standards Curriculum Review for Technology is appropriate for districts that have made a commitment to provide a more structured, deeper approach at learning in a sequence that flows smoothly from kindergarten to high school. While not perfect, the content included will help insure students receive instruction in a variety of topics.

Standards Review for Computer Science

This review takes a even more targeted approach to better prepare those students who plan on seeking 2, 4 or 5-year degrees in programming or information technology.

Free consultation available

NWOET will be glad to have a representative talk with you and your leadership team to see which review may be right for you.

**This service includes NWOET consultation in person and via distance as you build and implement your tech curriculum; NWOET can also provide individual, small group and whole staff professional development at additional cost.*

Technology Review Staffing Chart Example

	Learning Tools, Productivity / Safety			Technology & Computer Science		
Classes/Grade Levels	G Suite	Internet Safety / Life skills	Research	Coding / IT	Robotics	Emerg
Preschool						Lyndsa
K						Amy
1	Johanna - Google Level 1	Alyson	Johanna - finished L1			Meaga
		Kelly - NWOET inftro, working	Brooke INFOhio BiC	Jackie - CodeMokey Summer 2020		Stacey
3	Erica			Brock - NWOET Code.org + Scratch		Aaron
4			Brooke INFOhio RS3		Amy - NWOET 5 hr + online DASH cert.	
5		Nancy - NWOET class (2 hrs)		Linda - CodeMonkey Institute	Nancy NWOET 5 hrs DASH	
6		Carrie P - NWOET series + L2	Jill Licensed MS	Carrie P - NWOET series + L2	Carrie P - NWOET 15 hr + L2	Kay
7	Michelle M - CS degree	Michelle M - CS degree	Jill Licensed MS	Betsie - College classes+NWOET	Cari B - NWOET 5 hrs DASH	Kim Pl
8				Carrie P - Google CS L2	Not Identified	Carla
K-8 Art	Dawn - NWOET +L1				Not Identified	
High School						
ELA Grade 9	Susan - NWOET class, L2				Not Identified	
Math Grade 9	Michelle - Ohio Tech endorsement	Carla -		Michelle - Ohio Tech endorsement	Not Identified	
Technology grade 9	Michelle - Ohio Tech endorsement			Michelle - Ohio Tech endorsement		
Coding Grade 9 (1 semester)		Gene (ELA 9 & 10)		Michelle - Ohio Tech endorsement	Kayleigh	

Technology COURSE Curriculum Chart Example

	Learning Tools, Productivity / Safety			Technology & Computer Science	
Classes/Grade Levels	G Suite / learning tools	Internet Safety / Life skills	Research	Coding / IT	Robotics
Preschool					
K		No Internet Safety gr. K			
1	Keyboard Tutor (6 weeks)	Basic keyboarding w/anti-bully unit	WorldBook Kids (INFOhio)		
2		Don't be an online Bully (3 weeks)	iSearch	CodeMonkey (10 weeks)	
3	gmail (1 wk))Typing Tutor - 4 wks	e-mail safety not currently taught		Code.org (9 weeks), in science	
4			INFOhio databases	No coding 4th grade	Ozobots
5		C14 le online safety game (5 weeks)		CodeMonkey 10weeks, in math	Dash rob
6		in ela writing skills class	Boolean Searching (ELA 2 wks)	Google CS/Scratch language (4 weeks)	no roboti
7	18 week Tech Skills Class	in tech skills class	Using primary research sources	No coding 7th grade	Dash and
8	No learning tools instruction gr. 8			No coding 8th grade	No robot
K-8 Art	Google Drawing tools (gr 4th & 6th)				
High School					
ELA grade 9	WP formatting & editing	500 word essay with GDocs	Boolean and journal searches	No coding offered 9th grade	No robot
Math grade 9	flow charts for problem solving			No transition visual to Java language	
Technology grade 9	Career explore/touch typing (18 wks)	Technology Career Review/Typing	Gene (ELA 9 & 10)		GAP - no
Coding grade 9 (1 semester)					GAP - no
AP CSP Odd Years (full year)				AP CS Principals	Raspberr