

PHENOMENAL SITE TO HELP YOU PREPARE STUDENTS WITH NECESSARY PARCC ONLINE TESTING SKILLS!

http://www.pearltrees.com/brandi_young/infohio-skills-online-testing/id12112629

I've listed the sites below that are in this PearTrees slideshow – use whichever is more convenient for you, but I've added a few notations beside each website listing, to help you determine quickly which sites will best help your classroom situation.

Use A Protractor

Middle School

<http://mrnussbaum.com/age-of-the-angles-ipad.html> - Mr. Nussbaum, his stuff is great!

<http://www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html> - intro, shows how to use a protractor, great introductory and one that allows kids to work at own pace

<http://www.amblesideprimary.com/ambleweb/mentalmaths/angleshapes.html> - uses online protractor, measure angles

<http://www.visnos.com/demos/basic-angles> - practice some basic angles and see them drawn on the grid, gives practice with different types of groups of angles (complementary, supplementary, etc.) but no directions, not extremely user friendly, so check it out before sharing with students so you know what to do!

Elementary

http://www.abcy.com/measuring_angles.htm – elementary

<http://www.mathsisfun.com/geometry/protractor-using.html> - a good place to read the basics on how to read a protractor, and then 10 practice problems, best for younger grades

<http://www.mathplayground.com/measuringangles.html> - this is a GREAT site, could be used for middle grades as well....gives students practice on measuring and recording angles, complete with a check answers, 10 problems to try!

Go to www.infohio.org. Choose grades 6-8. Select Discovery Portal for Middle School. Click Math on the left hand side, narrow to Geometry.

Under Angles, watch the video lesson, Spy Guys Measure Angles. This explains the types of angles and how to use a virtual protractor. Practice exercises are included.

In the same section of the Discovery Portal, select the measuring angles link. Students can work independently or in small groups using the online protractor to measure dozens of angles

Use a Calculator

Middle/High School

<http://www.online-calculator.com/> - give students practice with a four function calculator, but no lessons are provided here or practice questions – just the calculator!

<http://web2.0calc.com/> - here's a scientific calculator to practice with, but again, no lessons or practice questions are provided – just the calculator!

<http://www.dematte.at/calculator/> - java script calculator for complex problems – again, online calculator but no lessons or practice questions

<http://www.tv411.org/math/basic-math/using-calculator> - Using a calculator – great lessons and practice questions – with ANSWERS/immediate feedback

Elementary

http://mathsframe.co.uk/en/resources/category/344/using_a_calculator - several games, could be used by higher grades as well, but great practice in becoming proficient just using a calculator – this has an online calculator to use (four function) – but this is from the UK, so figures are not in \$\$\$ when using money problems!

Use A Ruler

Elementary

<http://mathsframe.co.uk/en/resources/getresource/37> - students having trouble understanding place value? Critical skill to reading a ruler, so have them practice organizing numbers here first!

http://www.bbc.co.uk/schools/teachers/ks2_activities/maths/activities/measures.swf - ok this site is from my favorite place – the BBC!, but keep in mind the ruler will measure in cm then, and not inches! Still, students learn how to manipulate an online ruler and make measurements!

http://www.hbschool.com/activity/length_strength1_cent/length_strength1_cent.swf - another fantastic site from Harcourt, but again, measuring skills are done in centimeters, could also be used for middle grades

Middle

<http://harcourtschool.com/activity/elab2004/gr3/22.swf> - great place to give students just simple, basic practice on reading a 1/8" ruler, and this one is in inches – instant feedback

http://harcourtschool.com/activity/length_strength1_inches/length_strength1_inches.swf - this is fun and helps students to measure a variety of objects, but it's in whole inches, not 1/8" so just a good starting place to figure out how to use a ruler, might be appropriate for elementary as well, but you do have to move the ruler around to measure the objects correctly!

<http://getruler.com/> - using an online ruler to measure objects – a bit confusing at first because you have to calibrate items, but interactive measuring tool basically

<http://www.rulergame.net/index.html> - this is the GREATEST game – you set the type of ruler (1/16 or 1/8 etc) and then kids can be timed (or not)....simply START GAME and instantly they are asked to identify a variety of ruler settings – great practice in reading a ruler! – could probably do with older elementary as well!

Equation Editor

Middle and Other?

<https://www.fastfig.com/app> - ok I tried this one, but it's pretty confusing – make sure you visit this site first before trying it with your kids, so you know what they are to do (need to create an account or sign in here)

http://s1.daumcdn.net/editor/fp/service_nc/pencil/Pencil_chromestore.html - this would be a good place to practice using the equation editors because there are so many drop downs while you're trying to type in equations – definitely something kids should practice, so this doesn't keep them from getting correct answers! Maybe try doing math homework using this for a few days?!

<https://chrome.google.com/webstore/detail/gmath-for-forms/pfpepkdookmfefmppscknaobckehpjcj> - using google forms – not my favorite one of these sites, I'd use the previous one, but this will work

<http://parcc.pearson.com/sample-items/> - have students Practice some questions here – choose grade level and practice these online skills!

Highlight

Elementary

<https://chrome.google.com/webstore/detail/simple-highlighter/hljnlfolmbmibdjaikiepgpgnldclj/related?hl=en-GB> simple download from the chrome store – you'll need to have a little practice with this...visit a website, right click, select highlight and choose color – highlight text.....

<http://www.skillfulsenior.com/skills/mouse/index.php> - this is GREAT – it's to help those who aren't familiar with the mouse become used to it – doesn't allow permanent highlighting, but gets the basics across!

Middle/High

<https://www.diigo.com/tools/diigolet> - another tool that is easy to put in the bookmark bar, but then you have to install the app, and make an account – I'd recommend using the one listed above....

Drag/Slide

Elementary

- Click on the INFOhio BookFlix box at <http://www.infohio.org>
- If necessary, enter your username and password
- Click on the green bar to enter.
- To practice Dragging/Sliding:
 - Choose any subject/topic area (such as Earth and Sky).
 - Pick a fiction/non-fiction book pairing (such as Come On, Rain and Rainy Weather Days).
 - Select the purple Puzzlers button on the left hand side of the screen.
 - Select the "Which Came First?" activity.
 - Practice your drag/slide skills with this sequencing activity.

Middle

- Click on the INFOhio BookFlix box at <http://www.infohio.org>
- If necessary, enter your username and password
- Click on the green bar to enter.
- To practice Dragging/Sliding:
 - Click on the blue 'Play' button at the top right hand side.
 - Select 'Put the Story in Order'.
 - Choose any story (like A Perfect Pet).
 - Practice your drag/slide skills by dragging the events from the story into the order in which they happen.
- To practice Dragging/Sliding:
 - Click on the blue 'Play' button at the top right hand side.
 - Select 'Sorting'.
 - Choose any sorting game (like Short Vowel Sound).
 - Practice your drag/slide skills by dragging the picture that represents that short vowel sound into the correct bucket.

Select Area/Text

Elementary/Middle

- Click on the INFOhio Discovery Portal box at <http://www.infohio.org>
- If necessary, enter your username and password
- Click on the green bar to enter.
- To practice Select Area:
 - Use your mouse and highlighting skill to select an area of text or an image on the homepage screen.

Use Video Player

Elementary/Middle

- Click on the INFOhio Digital Video Collection box at <http://www.infohio.org>
- If necessary, enter your username and password
- To practice Using a Video Player:
- Select any video from the home page or complete a 'Search' or click 'Browse' to view by series or by subject.
- Click play. Practice rewinding and fast forwarding

<http://www.videonot.es/> - This is FANTASTIC – if you use nothing else, try this site – adds on to google instantly, and allows you to watch video on left, while typing notes on the right – even monitors place in video where note was taken and you can click on a note to return to that portion of the video – AMAZING!

Select Object

Elementary

- Click on the INFOhio BookFlix box at <http://www.infohio.org>
- If necessary, enter your username and password
- Click on the green bar to enter.
- To practice selecting an object:
- Choose any subject/topic are (such as ABCs and 123s).
- Pick a fiction/non-fiction book pairing (such as Chicka Chicka 123 and Everyone Uses Math).
- Select the purple Puzzlers button on the left hand side of the screen. Select the "Word Match" activity.
- Practice your selecting an object skill by matching the correct word box with the correct definition.

Middle

- Click on the INFOhio Timelines box from <http://www.infohio.org>
- If necessary, enter your username and password
- Click on the green bar to enter.
- To practice selecting an object:
- Select any timeline subject on the left hand side (like 'Arts').
- Select a topic from the left hand side (like 'Music').
- Practice your object selecting skill by selecting any of the eras on the screen.

Typing with a Text Editor

Middle

- Click on the INFOhio LearningExpress Library box at <http://www.infohio.org>
- If necessary, enter your username and password
- Click on the green bar to enter.
- To practice typing with a text editor:
- Click on the green College Prep Center button in the slider (in the middle of the page).
- Click on Prepare for Your ACT Test (in the middle of the page).
- Select ACT Practice Tests from the left hand side.
- Select ACT Writing Practice Tests from the top bar.
- Select either of the ACT Essay Writing Practice Tests.
- Log on or register to launch.
- Click on the yellow Launch button.
- Select Start Test (on the right hand side).
- Begin typing in the text editor box.

Mouse Manipulation

Elementary/Middle

<http://www.mouseprogram.com/practice.html> - totally fun and helpful with basic mouse manipulation skills – great review before the test!

<http://www.skillfulsenior.com/skills/mouse/> - basic mouse skills – covers almost everything you need to know including drag/drop, clicking, selecting, and more!

<http://www.seniornet.org/howto/mouseexercises/mousepractice.html> - this one is nice because it includes using colors, manipulating the mouse to write text, and also using the back button – great if you need practice in navigation skills!

Elementary

http://www.pearltrees.com/brandi_young/mouse-skill-games/id12739634 - all types of mouse skill games – use these for younger grades to help develop critical mouse skills!

Drag/Drop

Elementary

<http://www.meddybemps.com/9.691.html> - this site helps you drag/drop animals around the page

<http://www.apples4theteacher.com/paper-doll.html> - create your own paper doll

<http://www.learning.luton.gov.uk/l2g/custom/resources ftp/netmedia std/ks1/ict/mouse/index.htm> - tidy the classroom to practice drag/drop and click

<http://www.minimouse.us/desertdive.htm> - great site to practice a variety of games that help you learn to drag/drop

Elementary/Middle

<http://www.billybear4kids.com/games/stickers/dollhouse/IEStickers.html> - drag/drop to put stickers in the dollhouse

<http://www.meddybemps.com/easter/eggdeco.html> - egg decorating - can even add text

<http://www.meddybemps.com/ZooPlanner/Index.html> - zoo planner - figure out which animals you want, drag/drop the animals, the signs, and the people to complete your zoo

Plot Points (Graphing)

Elementary

- Click on the INFOhio Discovery Portal Elementary box at <http://www.infohio.org>
- If necessary, enter your username and password
- Click on the green bar to enter.
- To practice plotting points:
- Click on Math on the left hand side.
- Select Geometry.
- Select Coordinate Grids.
- Choose Funbrain: What's the Point? to practice plotting points.

Middle

- Click on the INFOhio Discovery Portal High box at <http://www.infohio.org>
 - If necessary, enter your username and password
 - Click on the green bar to enter.
 - To practice plotting points:
 - Click on Math on the left hand side.
 - Select Data Analysis.
 - Select Graphical Displays.
 - Choose Line Graph Example to practice plotting points.
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- Click on the INFOhio Discovery Portal Middle box.
 - If necessary, enter your username and password.
 - Click on the green bar to enter.
 - To practice plotting points:
 - Click on Math on the left hand side.
 - Select Geometry.
 - Select Graphing.
 - Choose Graph Mole Games to practice plotting points.

<http://graph.tk/> - online graph – put in points and see the graph

<https://www.desmos.com/calculator> - online graphing calculator – easy enough to use, but spend a little time with it before students see it, so you know what you want them to do!

http://nlvm.usu.edu/en/nav/frames_asid_109_g_2_t_1.html?open=instructions&from=category_g_2_t_1.html – online grapher, easy enough to use, may be blocked by pop-ups, so enable that and java should run

http://nlvm.usu.edu/en/nav/frames_asid_331_g_3_t_2.html - plot points with this easy to use site, may be blocked by pop-ups, so enable that and java should run

<http://www.shodor.org/interactivate/activities/GeneralCoordinates/> - general coordinates game – this is fun, can use view or guess mode!

Scroll

Elementary/Middle

<http://www.mouseprogram.com/scrolling.html> - very short scroll practice to see the squirrel

Click/Tap

Elementary

<http://www.letsoglearn.com/bubble.html> - click the bubble game, complete with countdown timer and sound effects

<http://www.minimouse.us/> - lots of mouse games, including pickles, bubbles, and more! – move and click

Middle

<http://www.pbclibrary.org/mousing/mousercise.htm> - mouseriscing - great practice in manipulating your mouse “clicks”

Mouse Basics

Elementary/Middle

<http://www.galesburglibrary.org/mouse/page1.htm> - mouserobics - great practice for using the mouse, clicking, and using different buttons as well!

<http://pbclibrary.org/mousing/intro.htm> - this takes a little time, but it’s VERY THOROUGH in teaching you all about mice – really for older grades as there is a bit of reading involved, but could be a group activity for a younger grades whole class

<http://www.skillfulsenior.com/skills/mouse/index.php> - great site, listed in some places, but teaches the basics of using a mouse with short tutorials/practice