



**netTrekker d.i. Training Outline
For 3-hour hands-on class**

- I. Overview of netTrekker d.i.
- II. Logging on to LearnPort (www.LearnPort.org)
- III. Accessing netTrekker d.i. from school and home through LearnPort
- IV. Homepage Layout
- V. Searching & Search Results
 - A. Keyword Search
 - B. Understanding Search Result
 - C. Refinement Tabs
 - D. Subject Search
 - E. Theme/Cross Curricular Search
 - F. Readability Level
 - G. Search in Context
 - H. Dictionary Hot Key
 - I. Current Events
- VI. State Standards
- VII. English Learners Channel
- VIII. Features
 - A. Timeline
 - B. Famous People
 - C. Image Search
 - D. Search View
 - E. References
 - F. Teacher Tools
- IX. My Tools
 - A. Profile
 - B. Preferences
 - C. Saved Searches
 - D. Search History
 - E. Help
 - F. Contact Us
- X. Logout



**netTrekker d.i. Training Outline
with detail
For 3-hour hands-on class**

- II. Overview of netTrekker d.i.
 - A. Search engine developed by teachers for teachers
 - B. Why netTrekker over generic search engines?
 - C. Put keyword in Google and netTrekker d.i. and compare search results
 - D. netTrekker d.i. websites are academically relevant, educator reviewed and evaluated, aligned to state standards, rated by Readability level.

- II. Registering at LearnPort (www.learnport.org)
 - A. Setting up a username for LearnPort
 - B. LearnPort school lookup

- III. Accessing netTrekker d.i. from school and home through LearnPort
 - A. Choose to login at LearnPort (www.learnport.org)
 - B. Select netTrekker d.i. icon from options

- IV. Homepage Layout
 - A. Elem K-5, Middle 6-8, High 9-12
 - B. Features content are applicable to grade level
 - C. My Tools are same regardless of grade level; items are applicable to individual login and can be customized
 - D. Help Tips may change based on feature or displayed page

- V. Searching & Search Results – with functions dispersed throughout
*NOTE: click Grade Level Homepage before each search to clear parameters from previous search type
FROM ELEMENTARY HOMEPAGE
 - A. Keyword Search (example: weather for A, B, C). Launch and exit 1st website

 - B. Understanding Search Result
website title, website description, evaluator, taxonomy string, Overall rating, More, website content & legend, Readability (will examine later), Dictionary (will examine later)

 - C. Refinement Tabs – expand
 1. Lesson Plans – launch & exit site
 2. Learning Exercises
 3. Audio – launch & exit site

4. All
5. Click State Standard pill button
 - a. choose a standard then a Web Resource
 - b. Save the results (will look at Save Search later)

D. Subject Search

1. (example: Math>Basic Money Skills>Counting Money)

E. Theme/Cross Curricular Search

1. Keyword (example: pumpkins)
2. Click into Science and Language Arts curriculum bars and look at website titles & descriptions
3. From Elem Homepage, click 'browse our list of themes'
4. Click Elem Homepage, keyword (example: Hispanic Heritage)>Cross Curricular button.

F. Readability Level

FROM MIDDLE HOMEPAGE

1. Keyword (example: animals)
2. Note Readability Grid at top of search results and Level for each website. Define Readability score: measure of relative difficulty of reading written text. Usually calculated using a mathematical formula that considers features such as word length, incidence of multi-syllabic words, and sentence length.
3. netTrekker d.i. Readability is a composite, an average of the scores generated by Lexile and four long-standing readability formulas. Readability Level 1 means lower readability, easier vocabulary, simple sentence structure, more graphics and pictures. Level 5 means more difficult vocabulary, complex sentence structure, perhaps less graphics.
4. More button shows Website Readability info. Note netTrekker d.i. Readability Score and how it relates to Lexile and 8 other popular readability measures. Click "To learn more about Readability Level, click here." Click netTrekker Readability Scores to show Grade-Level Readability Equivalent. Click Back 3 times to return to Search Results.
5. Sort by clicking Readability 2 (4-6 grade level equivalency), then Readability 5 (11-13 grade level equivalency).
6. Keyword (example: states).
7. Refine Search: Readability>Lexile>800-1000>Search. Note websites are Levels 2 & 3.

G. Search in Context

1. Keyword (example: keyboarding). Note # of search results and show taxonomy string for Technology and Arts.
2. Click Middle Homepage>Technology>keyword keyboarding & click Search in Context before clicking Search. Note taxonomy string is just for Technology and less websites.

3. Click Learning Exercises & launch a website. (example: Centerville Jr High). Note website is Readability N/A which means not enough text to evaluate Readability, not complete sentences, or text is contained in graphics.

H. Dictionary Hot Key

1. Keyword (example: bald eagle). Launch website w/Dictionary by click Dictionary key.
2. Click unfamiliar word. Note pronunciation and definition in English.
3. Show how to see translation in other language with pull-down menu in Spanish.
4. My Tools>Preferences>Dictionary Hot Key Preferences>change to another language.

I. Current Events

FROM HIGH HOMEPAGE

1. Current Events>U.S. News>point out types of news>News by State
2. Click any state, city, and launch website.
3. Click High Homepage>Current Events>World News>click any country/area, and launch website.
4. Note Current Events in Elem is located in Social Studies>Current Events.

VI. State Standards

Keyword (examples: aesthetic perception, graphic organizers, industrial revolution, right triangle, civil rights, figurative language, art history, Abraham Lincoln, atmosphere—these vary by state)

FROM STATE STANDARDS HOMEPAGE

- A. State Standards>keyword (examples above)>click last item in a Standard (bolded text)>click Web Resource or enter User Defined Keyword>Save Search (delete 2nd item on list to show how Delete feature works).
- B. From State Standards Homepage, drill down into state standards a few layers to show other search method.

VII. English Learners Channel

FROM HIGH HOMEPAGE>English Learners

- A. Point out subject areas same as All Learners. Reference Tools in lower right are ELL Reference Tools. Click Grammar Guide to display all subtopics and scroll down.
- B. Click Back to return to Homepage>ELL Skill Development>keyword (example: listening comprehension)>scroll through websites to see how they relate to English Language Learners. (Another keyword example: Haitian Creole)
- C. Note Refinement Tabs are different for ELL Channel.
Pictures = websites containing pictures
Multilingual = websites are available in English and at least one other language. Click a Language Indicator (globe with 2 letters) to show available languages.

Spanish = websites are available in Spanish
Speaking/Listening = websites contain audio and/or video resources.
Point out audio & video icons in legend area.

- D. Expand Refinement Tabs several times to show website resources.
- E. From High Homepage>English Learners>keyword (example: plants)>Spanish refinement tab. Launch 1st website & convert to Spanish if necessary.
- F. From High Homepage>English Learners>Multicultural Pavilion. Note this area provides geographic and cultural information on continents, countries, and regions. Resources on ethnic identity, acculturation, cultural sensitivities, diversity, cultural heritage, and social justice issues are also included here.
- G. From High Homepage>English Learners>keyword (example: atom). Click Readability Level 2 to refine websites for Readability 2. Launch "Fear of Physics: What is an Atom?" website to show how to find resources for a high school ELL student with high school level content and lower readability level for easier comprehension.

VIII. Features

- A. Timeline>US History>scroll down to display all areas. Click on any topic to display search results. Click Back to return to timeline. Click on any Timeline icon to show timeline within a timeline. Click Back and Save timeline.
- B. Timeline
From HIGH HOMEPAGE>Social Studies>World History>Industrialization timeline icon. Add several layers (examples: Physics, Music, American Literature)
- C. Famous People
From HIGH HOMEPAGE>Famous People
 1. By person's name: (example: Isaac Newton)
 2. Create list of famous people based on criteria (example: Female, 20 & 21 Centuries, Authors/Writers, African American)
- D. Image Search
From HIGH HOMEPAGE>Image Search>(example: Medieval Europe)>grade leap to Middle School>grade leap to Elementary School.
- E. Search View
From ELEM HOMEPAGE>make sure Web is displayed. Keyword (example: Abraham Lincoln)>click Person>click Image>click Standards to show quick & easy way to conduct several types of searches with same keyword.
- F. References

From HIGH HOMEPAGE>References. Note Landmarks Citation Machine, maps, math assistance, WebMD.com, Copy-Right Free and Friendly Clip Art.

G. Teacher Tools

Note availability of resources for integrating technology in the classroom, grant writing, special education, planning lesson plans.

IX. My Tools

A. Preferences – to customize Homepage, Customize Your Results, Your State Standards, Dictionary Hot Key.

B. Saved Searches – note 2 searches and 1 timeline saved

1. Save new search FROM HIGH HOMEPAGE>keyword (example: ethical decision making)>click Save Search>Add a Website (Back)>Email to a Friend>enter user's own email address in To and From fields>Send>change Title of search>Save.

2. Create New Folder

3. Move a search and timeline to new folder

4. Share Folder

5. Click Shared Search Folders to display shared folders within user community

6. Click Shared Searches in My Tools>unshared Shared Folder

C. Search History

D. Help>Browse netTrekker Help

1. Newsletter sign-up

2. Point out customer resources, implementation items, teacher/classroom guides

E. Contact Us

X. Logout