

DNA Kindergarten – Lesson 3

Putting the Pieces Together -Lesson Three

2 Review – Lesson #1 DNA Science

- How DNA is shared
- Shared (cM) chart

4 Review – Lesson #2 Ethnicity

- Ethnicity means “I have this % of DNA in common with the native people of a geographic area”
- Reference panels
- Comparing ethnicity of matches to our ancestors

5 Lesson #2 Handouts


- DNA Genealogy Book List
- Grandparent and Surname worksheet
- Acronyms worksheet

7 Some Ground Rules

- Genetic Genealogy DNA Rules
- Securing your DNA data
- Designated Beneficiary form
- Informed Consent form

8 #1 Rule– Be sure you are prepared to know what you don’t know

11 Securing your DNA data

- Download from Ancestry – DNA Results Summary  Settings
- Download from 23andMe – Search for “download raw data”
- Download from FtDNA – home page
- Download from MyHeritage – Manage DNA kits page

16 Establish a Beneficiary - What happens to your DNA sample when you die?

17 Provide Informed Consent - Who can access your DNA and what can they do with it?

18 DNA Transfers – Using your Raw DNA

- Expands pool of potential matches
- Access to other tools (chromosome browser)
- Upload to GEDmatch, FtDNA, MyHeritage, Living DNA
- Cannot upload to Ancestry or 23andMe

20 DNA Testing Where to Fish?

21 What do I do with my Matches?

22 Tracking your Matches

DNA Match Research Log (handout)

- Keep track of who and where and what
- Many DNA Tools available to download match information, consolidate across testing companies and analyze data

25 Researching a Match

- Where should they fit in my tree?
- Which side of my tree are they on?
- What do I know about them?

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- What can I find out about them?

26 Use your tools!

- Shared cM Project predictions chart
- Your Grandparents and Surnames chart
- Your family tree
- Genealogical accuracy / BMD
- Genetic genealogy tree vs genetic genealogical family tree

27 Researching your Matches - Finding Trees

- Find the trees of your matches linked to their DNA
- Research genealogy sites
 - Family Search
 - Wiki-Tree
 - Ancestry, My Heritage
- Build matches' trees – genealogy skills
- Be prepared to pay to play

28 What is “building a tree”?

- Adding parents, grandparents, siblings, cousins etc. to a website or software program
- Adding new people
- Copying people
- Searching for people
- Importing people

29 Tree building rules

- Add first and last name
- If unknown surname, leave blank
- Use maiden name for females
- Add dates as DD Month Name YYYY
- Add suggested standard city, county, state, country
- Avoid using periods, titles and suffixes
- Add supporting sources for facts - BMD

30 Just like any puzzle..

- Group similar pieces (surnames, locations, relationships)
- Look for the bigger picture (shared matches)
- Outline the edges (Most Recent Common Ancestor or MRCA)

31 Webinar Series

- Lesson 1 – Intro and DNA Science
- Lesson 2 - Ethnicity
- Lesson 3 - Using your DNA
- Lesson 4 – Interpreting Shared Matches