

1  **IDENTIFYING SHARED MATCHES**

Lesson 4

2  **REVIEW – LESSON #1 DNA SCIENCE**

↳ Where we get DNA

↳ How DNA is shared

↳ Shared cM chart \*NEW

3  **REVIEW – LESSON #2 ETHNICITY**

↳ Ethnicity means “I have this % of DNA in common with the native people of \_\_\_\_\_”

↳ How DNA companies determine ethnicity

↳ Comparing ethnicity of matches to our ancestors

4  **REVIEW LESSON #3 SOLVING THE PUZZLE**

↳ Downloading and transferring our DNA

↳ Identifying a Beneficiary

↳ Providing Informed Consent

↳ Where to test your DNA

↳ Researching and tracking your matches

↳ Building trees of your matches

5  **WHAT IS A DNA MATCH?**

↳ Someone who:

↳ has tested their DNA

↳ Shares a minimum amount of the same DNA with you

↳ We are not genetically related to all our DNA matches

↳ We may not share DNA with all our genealogical relatives

↳ No cases of 2<sup>nd</sup> cousin or closer failing to share DNA

6  **WHAT IS A SHARED MATCH?**

↳ Someone who shares DNA with you and another one of your matches

↳ May not share DNA with each other on same line

7  **DIFFERENT NAMES FOR MATCHES**

8  **WHERE TO FIND YOUR DNA MATCHES**

9  **ANCESTRY - EXAMPLE OF USING SHARED MATCHES**

11  **OTHER EXAMPLES OF SHARED MATCHES**

14  **BREAKS DOWN THOSE BRICK WALLS!**

- New information
- Different perspective
- Applied logic
- New skill

15  **STEPS TO START DNA RESEARCH**

1. Define your goal
2. Take one or more DNA tests and “fish in all ponds”
3. Build your own tree and create GEDcom
4. Gather information on your matches
5. Stay focused!

16  **CREATE A GEDCOM OF YOUR EXISTING TREE**

- ↳ Ancestry – go to tree settings - download GEDcom “Genealogical data communication file”
- ↳ Or use software to export one:
  - ↳ RootsMagic
  - ↳ Family tree DNA
  - ↳ Legacy family tree
  - ↳ Reunion

17  **UPLOAD YOUR TREE GEDCOM TO DNA SITES**

- ↳ Upload where you have tested or transferred DNA
- ↳ Name your tree something meaningful
- ↳ Make your tree public and searchable
- ↳ Add your surnames to your profile
- ↳ Add your ancestral location

18  **CASE STUDY – WHO IS THIS MATCH?**

19  **LOOK AT MATCH’S TREE**

20  **LOOK AT MATCH’S PROFILE**

21  **LOOK AT MATCH’S ETHNICITY**

22  **LOOK AT MATCH’S SHARED MATCHES**

- ↳ Shares matches that are on my paternal side
- ↳ Look at amount of DNA shared with shared matches
- ↳ Shares 162 cMs and 10 segments with my father’s first cousin
- ↳ Shares 114 cMs with me

23 **RESEARCHED MATCH’S FAMILY - MOTHER**

- ↳ Born in California
- ↳ Lived near known relatives
- ↳ Developed hypothesis
- ↳ Reached out to match

24  **PREDICTED RESULTS VS ACTUAL RESULT**

25  **HOW DO I CONTACT A MATCH?**

26  **DNA KINDERGARTEN HANDOUTS**

- ↳ 12 Handouts – last one is a List of Web Links, Sites

27  **REVIEW – NEED TO KNOW**

- ↳ Family relationships
- ↳ Kinds of DNA – YDNA, MtDNA and AUTOSOMAL DNA
- ↳ Genes, chromosomes and DNA
- ↳ Ethnicity based on growing reference populations
- ↳ Predicted relationship based on shared DNA
- ↳ Genealogical tree building
- ↳ Learning is a journey – have fun and share!

28  **WEBINAR SERIES**

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