Core Six: Inductive Learning
St. Helena Parish School District: Summer Institute

What is inductive learning?
- Students examine, group, and label specific “bits” of information to find patterns
- Groups are used to develop a set of hypotheses
- During learning, students collect evidence to verify or refine their hypotheses

Why use inductive learning?
- Inference – allows for students to work through the process on inferring information
- Evidence – students must collect evidence that will either support their hypotheses and examine any evidence that will refute their hypotheses
- Academic Vocabulary – students must search for attributes among words then organize words in a meaningful way

How to plan for a lesson using inductive learning:
1. Identify and Distribute key words, phrases, items, problems, or images from a reading, lecture, or unit.
2. Model the process of grouping and labeling terms.
3. Students analyze items and consider how to group the terms (groupings).
4. Students determine a descriptive label for their groups (labels).
5. Students use groupings and labels to develop statements: predictions/hypotheses. Students search for evidence to support or refute their statements.
6. Debrief the inductive learning process:
   a. Grouping process
   b. Labeling
   c. Making predictions/developing hypotheses
   d. Searching for evidence to support/refute predictions/hypotheses
7. Continue to teach/reteach this process

District Vision:
To develop a productive educational system that increases student achievement, develops educator effectiveness, and builds public confidence.
The Road Not Taken
BY ROBERT FROST

Two roads diverged in a yellow wood,
    And sorry I could not travel both
And be one traveler, long I stood
And looked down one as far as I could
To where it bent in the undergrowth;

Then took the other, as just as fair,
    And having perhaps the better claim,
Because it was grassy and wanted wear;
Though as for that the passing there
Had worn them really about the same,

And both that morning equally lay
    In leaves no step had trodden black.
Oh, I kept the first for another day!
Yet knowing how way leads on to way,
I doubted if I should ever come back.

I shall be telling this with a sigh
    Somewhere ages and ages hence:
Two roads diverged in a wood, and I—
I took the one less traveled by,
And that has made all the difference.

Group A

Group B

Group C

15 words:
1. Two
2. First
3. Black
4. Less
5. Diverged
6. I
7. Both
8. Undergrowth
9. One
10. Other
11. Same
12. Yellow
13. Equally
14. Wood
15. Grassy

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