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GOAL: Gain deeper/wider awareness of best time/setting in which to introduce a collaboration technique, as well as how to assess whether it is working.

TASK: Select an assignment from a class that you would like to incorporate group work into.

Assignment: Annotate a skeleton html code. (First time they will be seeing html code)

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <meta charset="UTF-8">
5      <title>Title goes here</title>
6    </head>
7    <body>
8
9    </body>
10 </html>
```

Groupwork Technique: Random pairing using Random Wheel Picker

<<https://tools-unite.com/tools/random-picker-wheel>>

"teacher-facing" part:

Q1. What are the intended benefits of groupwork over solo work?

A1. A few benefits are collaboration, increased creativity, increased understanding through discussion and explanations, and developing stronger communication skills.

Q2. Mechanisms for gauging how well it is working?

A2. A few ideas are creating a group work assessment rubric, peer evaluation, and team role fulfillment.

Q3. What to do when trouble erupts... (resistance to a grouping, lack of buy-in, "dead-weight" teammates, know-it-alls, etc.)

A3. A few ideas are a) create the groups randomly in front of the students so the teacher is not blamed for making the 'bad' groups, b) if possible, have each team member contribute in a way that the teacher can 'see' who did what, c) have a rubric so they can see how their participation will be competency graded d) have side conversations with students that are on the extremes (too much or too little) and e) find out from student if there is an outside trigger that is preventing them from participating in the group work.

Q4. What instructions/guidance will students get re: the groupwork mechanics?

A4. Students will be told they will be assessed via a rubric, they will have their group roles options and the purpose of the group work.

Q5. What long-term or class-wide goals does this support, and how?

A5. Hopefully students will be comfortable with each other due previous team building techniques, and learn each other names. One long term goal is to be respectful and produce creative high quality work and fill proud of their accomplishments.