

NED Learning Quick Start Guide

There are 12 easy steps to follow in order to have a successful learning session using the NED Challenge Board.

DYI instructions for creating your board at:

<http://blog.nedlearning.com/2017/05/20/posts/free-printable-k12-learning-board/>

Planning your session:

1. Define the challenge:

Easiest approach is to work backward from the goals. Define what you want your students to know by the end of the session.

Example: What factors are needed for plants to grow.

2. Pick your resources:

Keeping your students' attention spans in mind. Pick 2-3 short and engaging videos that give multiple viewpoints for exploring a solution.

Example: 2 minute video on seed germination:

https://www.youtube.com/watch?v=IGCZXx_Pczo, and a 5 minute video on photosynthesis, <https://www.youtube.com/watch?v=3pD68uxRLkM>.

Setting up a session in class:

Your tools, resources, and how you will be presenting them should be ready to go.

3. Group your students and assign roles

Group sizes should be between 4-7 for each group. Have the students, or you, decide who will be Taskmaster, Timekeeper, Scribe, and Spokesperson.

4. Pass out Tools

Make sure each group has their own board and each student has a NED Head playing piece. Pass out NED Notes for each student and NED Scribe notes for each scribe.

Starting the session:

5. Starting

Ask your students to place their NED Head playing piece at the START to show that they are ready.

6. Presenting the Challenge (1 min)

Once everyone is ready ask the students to move their NED Head to the CHALLENGE. Read the challenge out loud while having it displayed so they can write it in their NED Notes. Ask them to move their NED Head playing piece once they are ready for the next step.

7. Initial Thoughts (2 min)

Once everyone is on INITIAL THOUGHTS, ask each student to write down anything they know about the challenge. Ask the students to show everyone they are done by moving their playing piece to RESOURCES.

8. Resources (10-15 min)

Once everyone is on RESOURCES view the resource videos you have prepared. When they are done ask your students to move their NED Head to REFLECT.

9. Reflect (3 min)

Once everyone is on REFLECT, ask each student to answer the 3 questions on NED Notes. Remind them to show they are finished by moving their NED Head to REVISED THOUGHTS.

10. Revised Thoughts (4-8 min)

Once ready ask your students to share the Reflect thoughts with their small group.

Students should now perform their roles to help facilitate this. Again they can show they are ready by moving their pieces to REPORT OUT.

- Taskmaster's job is to keep everyone on task.
- Timekeeper's job is to make sure everyone gets a minute to articulate their thoughts from Reflect.
- Scribe's job is to summarize the group's thoughts, making sure the report is clearly written and easily read by the Spokesperson.

11. Report Out

Once everyone is ready, ask the scribes to give the scribe notes to the Spokesperson. Then the Spokesperson from each group in turn reports out the group thoughts. Encourage them to use "WE" statements. For example, "Our group was surprised by...", "We loved the idea of...", "We wish we could...".

12. Big Ideas

After the groups are finished reporting out, ask your students to identify any big ideas that emerged from the class discussion. Write these on a board at the front of class. Discuss and ask questions to explore these findings further. This is a good time to identify what new challenges could be beneficial to your class and ask the students what they would like to know more about.

That's it! You did it! You facilitated self-reflection and agency within your classroom. Students were engaged and collaborated in order to come to greater understanding together. As you repeat this process it will get easier as the students become more familiar with it.