

Nitrogen Cycle Game

" Post Activity discussion "

- ① Who visited the most organisms?
- who completed the most cycles?
 - who completed the longest cycle, the shortest?
 - who spends the most time in the atm.?

② In the course of the nitrogen cycle are nitrogen atoms ever created? Ever destroyed? What law does this support? Are they ever changed into other kinds of atoms? when/where? Ever changed into other compounds? when/where? (Explain why or why not)

③ Discuss your moves on the game board in terms of nitrogen fixation, nitrification, ammonification, assimilation, denitrification.

④ What other gases, besides N_2 , can be produced during denitrification. For each gas you ID, describe human activities that facilitate the production of those gases.

⑤ Discuss why a natural ecosystem is not polluted by nitrogenous wastes from various organisms.