

Programming Fundamentals 2

Assignment 1 – North Sea Oil

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North Sea Oil Board Game

- Gameboard
- 2 – 6 players
- Drills
- Weather Cards
- Price (of Oil) Cards
- Political Party Cards
- 28 Concession Squares



Profit making competition



- Each player tries to achieve profitable oil production by testing and drilling oil.
- Areas need to be tested, then drilled (if suitable)
- You can borrow money, but not too much.
- You need to pay taxes etc at the end of each round.



Playing the Game

1. Set up Game

2. Play a round (as many times as needed)

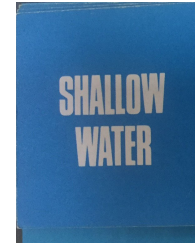
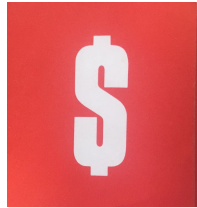
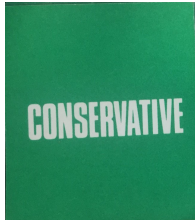
- **Phase 1:** Borrow enough money for the next round.
- **Phase 2:** Buy, test, sell....
- **Phase 3:** Check cards to see how much you owe etc.

3. End of Game (some one accumulates > \$5 million)



Starting the game

- Cards are placed on Board



- Each player gets 7 ownership tokens (colour identifies player).

Phase One of Each Round/Turn

- At the beginning of each turn, all players must borrow sufficient money from the Bank to cover their anticipated expenditure for that turn.
- Only loans of \$500,000 or 1 million per turn can be borrowed.
- At no time may any one player's total borrowings exceed \$4 million.
- Every borrowing and repayment is recorded by the Bank.



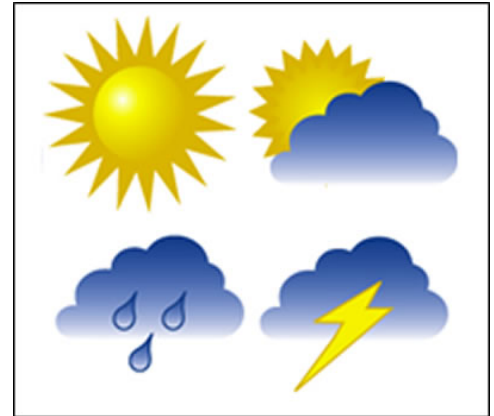
Phase Two of Each Round/Turn

- Any one of the following options may be exercised in any order:
 - SITE TESTING OF UP TO 3 DRILLING CONCESSIONS
 - PURCHASE OF UP TO 3 DRILLING CONCESSIONS
 - PURCHASE OF OIL DRILLS
 - TRANSFER OF DRILLS
 - SALE OF DRILLS

wheeling
and dealing

Phase Three of Each Round/Turn

- Dealing with Activity Cards – Brown, Red, Green.
 - **Brown** – Prevailing weather and resulting Production yields
 - **Red** – Price per Oil Barrel
 - **Green** – Party in power (Conservative or Labour) and resulting taxation levels.
- Revenue calculated and taxation paid





Bankrupt Players

- A player is bankrupt if s/he cannot pay taxes and interest out of cash reserves.
- This player cannot continue in the game.



- The first player to accumulate \$5 million cash profit after having paid tax and interest and having repaid the Bank borrowing, is declared the outright winner and the game is finished.
- In case of a tie we 'draw lots'

Any
Questions?





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