—Minesweeper
too complex give to what my skills are
- could brute force it?
would not be pretty

~~possibly later in the course~~

— Text RPg where you
have to find the Right rooms

- Just think it'd be boring

— Chess puzzles

hard to properly identify pieces
confusing, but it could work
does anyone even play chess

— Puzzle game
i dont know how to make puzzles
not as much fun if its not visual, so
bad for text programs

- Minesweeper

- math game

way too easy or vay too hard
integer stuff

puzzle difficulty

1.

pick option

beginner

easy

addition

hard

instructing

give puzzle ask for answer

give puzzle ask for answer

give the puzzle

give the hard puzzle

right answer

wrong answer

just display the instruc...

right update puzzle with move

right update puzzle

wrong

wrong

right

wrong
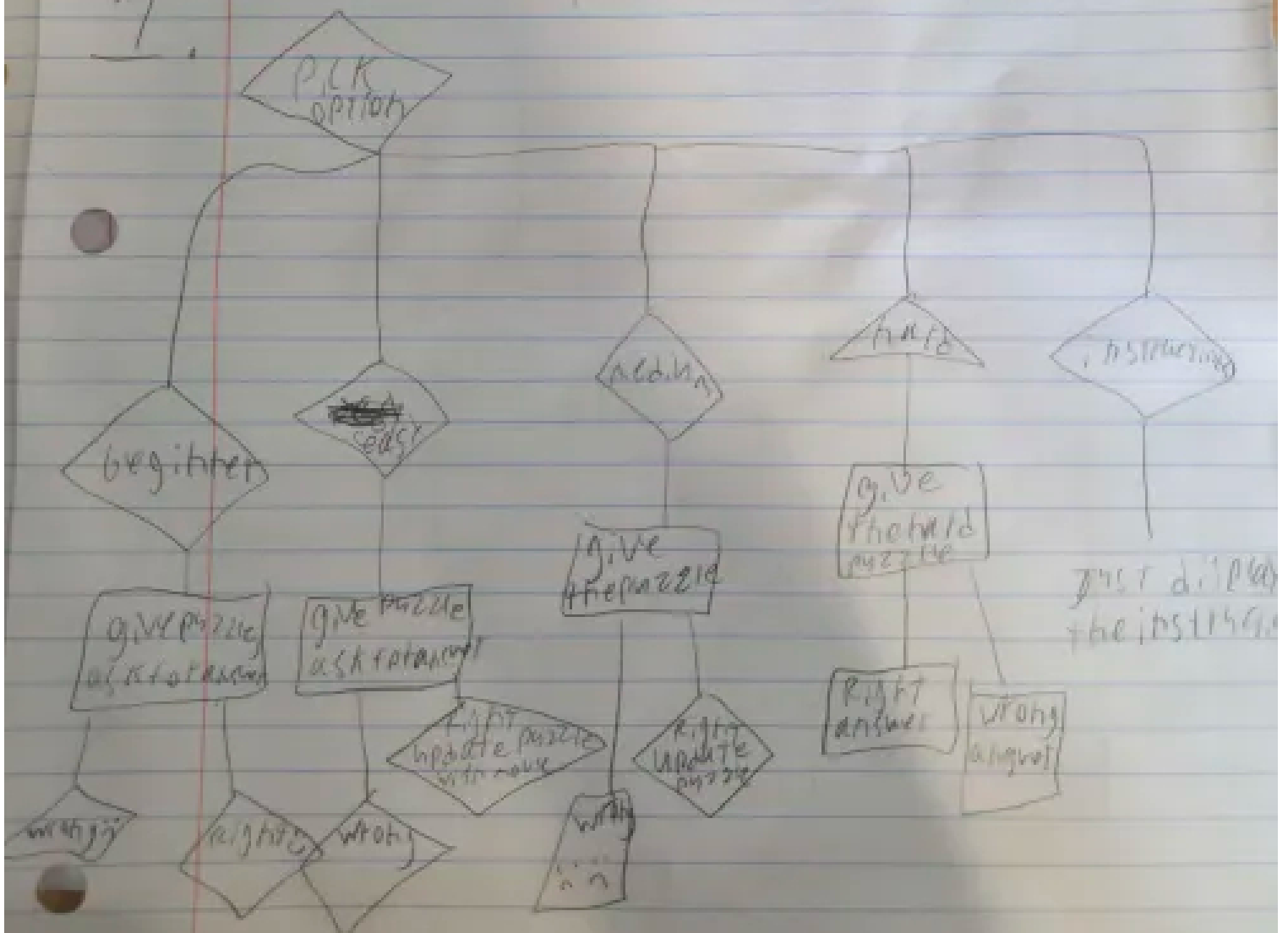
*Mind puzzles online later

2. "campaign"

```
              ┌────────────────────┐
              │ instructions or play │──────────────────┐
              └────────────────────┘                    │
                        │                                │
                        │                    ┌───────────────────────┐
                      �◊               │ give suggestions      │
                    give         if wrong    │ instructions          │
                    easy puzzle ────────────►└───────────────────────┘
                        │                                │
                      if right                           │
                        │                                │
                      ◊give◊        if wrong   ┌──────────┐
                      normal ─────────────────►│ lose/end │
                      puzzle                    │ game     │
                        │                       └──────────┘
                      if right
could add               │
more levels           ◊give◊
                      hard puzzle ──────────┐
                        │              if wrong
                      if right
                        │
                      ◊end◊
                    game with
                    a happy
                    message        you did it
```