

Take me out to the ballgame

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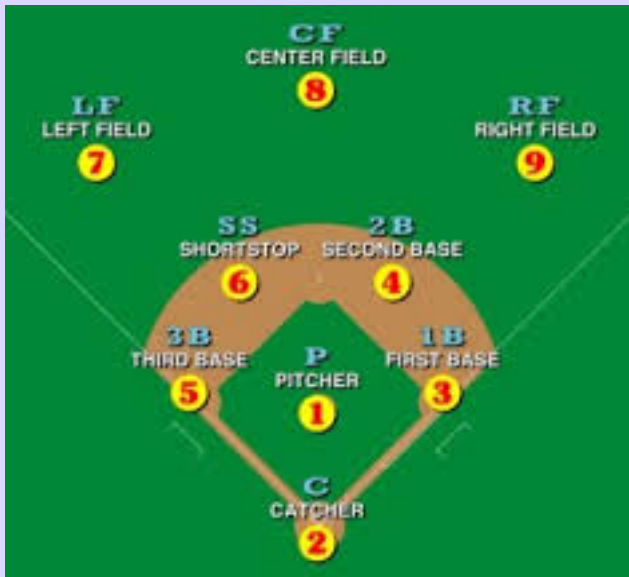
July 25, 2016

```
PlayBall :=  
  InningCount = 0  
  repeat  
    InningCount++  
    PlayInning  
  until InningCount == 9  
while (ScoreTied)  
  PlayInning
```

```
PlayInning :=  
  AwayTeamBats  
  HomeTeamBats
```

```
AwayTeamBats :=  
  OutCount = 0  
  repeat  
    NextAwayBatterUp  
  until OutCount == 3
```

```
HomeTeamBats :=  
  OutCount = 0  
  repeat  
    NextHomeBatterUp  
  until OutCount == 3
```



```
NextBatterUp :=
  StrikeCount = BallCount = 0
  repeat
    PitcherThrows
    if ! BatterSwings
      if PitchIsStrike
        StrikeCount++
        if StrikeCount == 3
          OutCount++
          return
      else %PitchIsBall
        BallCount++
        if BallCount == 4
          PlayerWalksToFirst
          return
    else %BatterSwings
```

```
else %BatterSwings
  if BallMissed
    strike_count++
    if Strike_Count == 3
      OutCount++
      return
  else if BallCaughtInAir
    OutCount++
    return
  else if BallLandsFoul
    if StrikeCount < 2
      StrikeCount++
  else RunnersMayAdvance
  return
```

A run is scored if a runner touches first base, second base, third base and home plate in that order. Home run: ball hit out of the park in fair territory.

A runner is out if

- ▶ Batter accumulates three strikes (a strike out)
- ▶ Batter hits ball that is caught before it hits the ground (fly out).
- ▶ Runner is tagged with ball while not touching a base.
- ▶ First base is tagged before runner reaches it.
 - ▶ A player on first base: second base tagged before the runner reaches it.
 - ▶ A player on first and second base: third base tagged before
- ▶ Runner on base doesn't return to base after fly out.

Baseball expressions

- ▶ He hit it out of the ballpark.
- ▶ It's just a ballpark figure.
- ▶ That idea is really bush league.
- ▶ It's a brand new ball game.
- ▶ He covered all the bases.
- ▶ He threw us a curveball.
- ▶ I wish he wouldn't grandstand.
- ▶ He really hit a home run.
- ▶ That really came out of left field.
- ▶ He's really off base.

Baseball expressions

- ▶ He's down to his last out.
- ▶ What a screwball idea!
- ▶ It's a whole new ballgame.
- ▶ He's way off base.
- ▶ I hope she'll pinch hit for us.
- ▶ I'm sure he'll step up to the plate.
- ▶ Let's touch bases.
- ▶ She's batting 1000 on that one.
- ▶ I went out on a date with her, and I didn't even reach first base.

Take me out to the ballgame

T_EX Users Group meeting—July 25, 2016

Take Me Out to the Ball Game
(for the seventh inning stretch)

Take me out to the ballgame
Take me out to the crowd
Buy me some peanuts and crackerjack
I don't care if I never get back
For it's root, root, root for the home team
If they don't win it's a shame.
For its one, two, three strikes you're out
At the old ball game.