

Modifications we used last year:

Ghost Avoidance:
Predict ghost behaviors
Terminate unsafe paths early
Extra cost associated with being near ghosts

Ghost Chasing:

After super pellet, set the target to nearest ghost
"Predict" ghost behaviors
Stay away from the ghost lair

Fruit:

If the fruit is close enough, set the target to it

Targeting:

Choose targets close to super pellets
Eat as many pellets as possible along the way
Plan for when ghosts speed up