

```
1 using System.Collections;
2 using System.Collections.Generic;
3 using UnityEngine;
4
5 [RequireComponent(typeof Enemy))]
6 public class EnemyMovement : MonoBehaviour {
7
8     private Transform target;
9     private int wavepointIndex = 0;
10
11     private Enemy enemy;
12
13     void Start() {
14         enemy = GetComponent<Enemy>();
15         target = Waypoints.points[0];
16     }
17
18     void Update()
19     {
20         Vector3 dir = target.position - transform.position;
21         transform.Translate(dir.normalized * enemy.speed * Time.deltaTime, Space.World);
22
23         if (Vector3.Distance(transform.position, target.position) <= 0.4f)
24         {
25             GetNextWaypoint();
26         }
27
28         enemy.speed = enemy.startSpeed;
29     }
30
31     void GetNextWaypoint()
32     {
33         if (wavepointIndex >= Waypoints.points.Length - 1)
34         {
35             EndPath();
36             return;
37         }
38
39         wavepointIndex++;
40         target = Waypoints.points[wavepointIndex];
41     }
42
43     void EndPath()
44     {
45         PlayerStats.Lives--;
46         WaveSpawner.enemiesAlive--;
47         Destroy(gameObject);
48     }
49 }
50
```