Epoch [1/10000], Train Loss: 4.9808, Train Accuracy: 3.12%

Validation Accuracy: 6.48%, Validation Loss: 4.5659

Epoch [2/10000], Train Loss: 4.1985, Train Accuracy: 11.24%

Validation Accuracy: 13.33%, Validation Loss: 4.0291

Epoch [3/10000], Train Loss: 3.6077, Train Accuracy: 20.11%

Validation Accuracy: 22.36%, Validation Loss: 3.4889

Epoch [4/10000], Train Loss: 3.2075, Train Accuracy: 26.83%

Validation Accuracy: 27.77%, Validation Loss: 3.1815

Epoch [5/10000], Train Loss: 2.9242, Train Accuracy: 32.05%

Validation Accuracy: 31.09%, Validation Loss: 3.0036

Epoch [6/10000], Train Loss: 2.7244, Train Accuracy: 35.86%

Validation Accuracy: 35.81%, Validation Loss: 2.7843

Epoch [7/10000], Train Loss: 2.5618, Train Accuracy: 39.06%

Validation Accuracy: 34.85%, Validation Loss: 2.8181

Epoch [8/10000], Train Loss: 2.4318, Train Accuracy: 41.76%

Validation Accuracy: 37.45%, Validation Loss: 2.6814

Epoch [9/10000], Train Loss: 2.3247, Train Accuracy: 43.81%

Validation Accuracy: 41.46%, Validation Loss: 2.4960

Epoch [10/10000], Train Loss: 2.2237, Train Accuracy: 45.83%

Validation Accuracy: 42.96%, Validation Loss: 2.4044

Epoch [11/10000], Train Loss: 2.1419, Train Accuracy: 47.47%

Validation Accuracy: 44.35%, Validation Loss: 2.3586

Epoch [12/10000], Train Loss: 2.0781, Train Accuracy: 48.68%

Validation Accuracy: 44.41%, Validation Loss: 2.3337

Epoch [13/10000], Train Loss: 2.0084, Train Accuracy: 50.16%

Validation Accuracy: 44.29%, Validation Loss: 2.3863

Epoch [14/10000], Train Loss: 1.9592, Train Accuracy: 51.26%

Validation Accuracy: 46.20%, Validation Loss: 2.2555

Epoch [15/10000], Train Loss: 1.9026, Train Accuracy: 52.29%

Validation Accuracy: 46.21%, Validation Loss: 2.3018

Epoch [16/10000], Train Loss: 1.8558, Train Accuracy: 53.39%

Validation Accuracy: 47.23%, Validation Loss: 2.2453

Epoch [17/10000], Train Loss: 1.8134, Train Accuracy: 54.35%

Validation Accuracy: 44.41%, Validation Loss: 2.4506

Epoch [18/10000], Train Loss: 1.7696, Train Accuracy: 55.21%

Validation Accuracy: 47.46%, Validation Loss: 2.2492

Epoch [19/10000], Train Loss: 1.5115, Train Accuracy: 61.16%

Validation Accuracy: 48.86%, Validation Loss: 2.2072

Epoch [20/10000], Train Loss: 1.4368, Train Accuracy: 62.62%

Validation Accuracy: 50.44%, Validation Loss: 2.1661

Epoch [21/10000], Train Loss: 1.3792, Train Accuracy: 63.75%

Validation Accuracy: 50.41%, Validation Loss: 2.1693

Epoch [22/10000], Train Loss: 1.3419, Train Accuracy: 64.68%

Validation Accuracy: 50.03%, Validation Loss: 2.2183

Epoch [23/10000], Train Loss: 1.1590, Train Accuracy: 69.05%

Validation Accuracy: 52.38%, Validation Loss: 2.1513

Epoch [24/10000], Train Loss: 1.1070, Train Accuracy: 70.26%

Validation Accuracy: 52.21%, Validation Loss: 2.1963

Epoch [25/10000], Train Loss: 1.0688, Train Accuracy: 70.98%

Validation Accuracy: 51.92%, Validation Loss: 2.2565

Epoch [26/10000], Train Loss: 0.9646, Train Accuracy: 73.83%

Validation Accuracy: 52.85%, Validation Loss: 2.2054

Epoch [27/10000], Train Loss: 0.9320, Train Accuracy: 74.48%

Validation Accuracy: 52.49%, Validation Loss: 2.2453

Epoch [28/10000], Train Loss: 0.8664, Train Accuracy: 76.35%

Validation Accuracy: 53.57%, Validation Loss: 2.2248

Early stopping after 28 epochs without improvement.

Early stopping triggered.

Training complete!