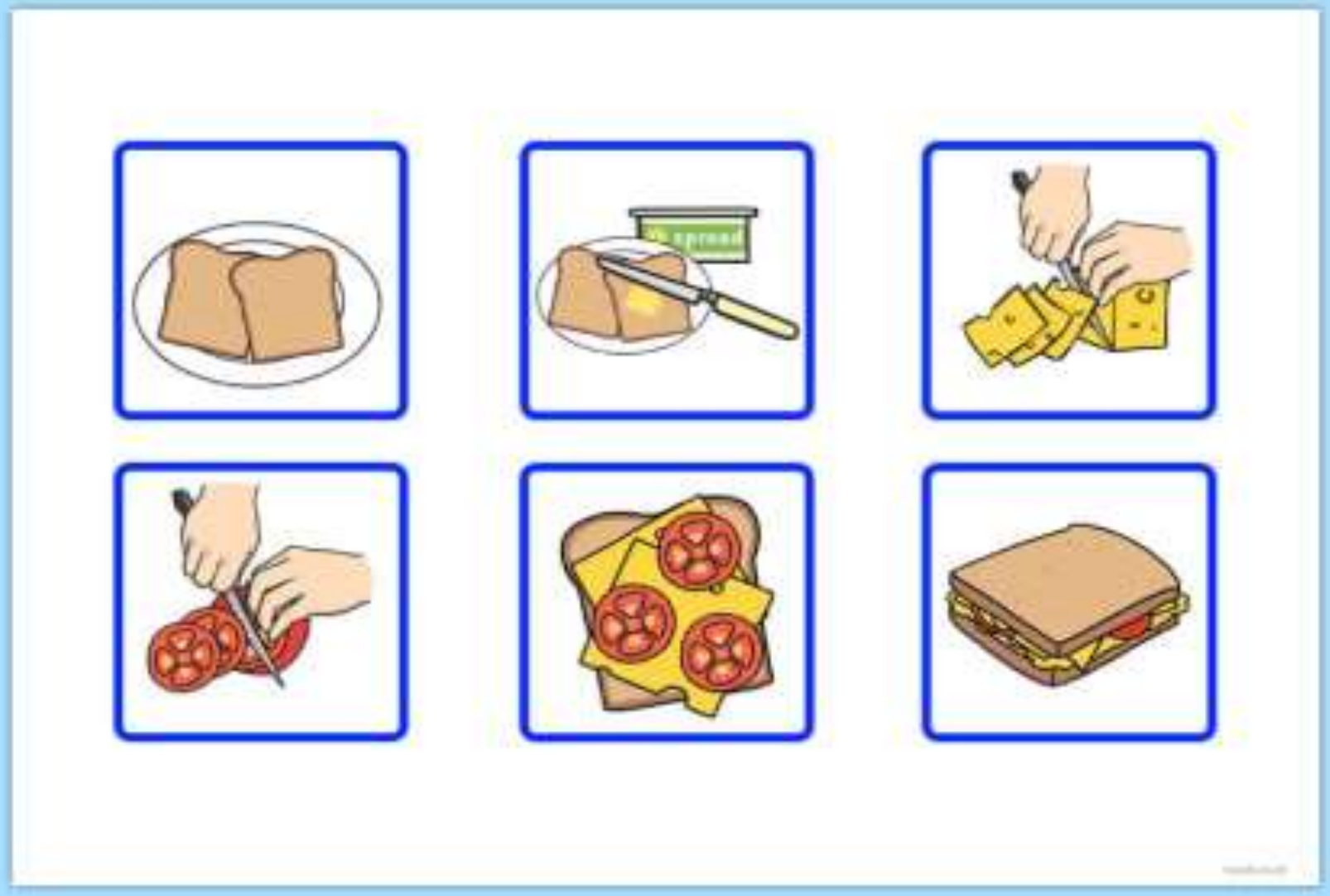Making a Sandwich