Imagine there is a huge recipe book (DNA) in the library (nucleus).

It is forbidden to remove the book (DNA) from the library (nucleus).

You want to make one of the recipes (gene) from the book, a nice apple pie (protein).

You photocopy (make mRNA) the recipe (gene) that you need.

You can take the photocopy (mRNA) out of the library (nucleus) to your kitchen (ribosome) where you turn the recipe (gene) into a nice apple pie (protein).
KEY

RECIPe BOOK = DNA

LIBRARY = CELL NUCLEUS

APPLE PIE RECIPE = GENE

PHOTOCOPIED RECIPE = mRNA

KITCHEN = RIBOSOME

APPLE PIE = PROTEIN