WE ARE SURROUNDED BY MIXTURES – THE AIR WE BREATHE, THE FOOD WE EAT AND DRINK. CHEFS TRY MIXING INGREDIENTS IN DIFFERENT WAYS TO MAKE TASTY COMBINATIONS AND INTERESTING TEXTURES. THROUGH INQUIRY, SCIENTISTS HAVE DEVELOPED MIXTURES THAT ARE USEFUL FOR ALL KINDS OF PURPOSES SUCH AS ALLOYS, AMALGAMS AND PAINTS TO NAME A FEW. IT IS QUITE SURPRISING JUST HOW MANY THINGS THAT WE TAKE FOR GRANTED EVERYDAY ARE THE RESULT OF INQUIRY INTO MIXTURES. HOW DIFFERENT WOULD OUR LIVES BE WITHOUT THE VARIOUS DIFFERENT TYPES OF INKS, GLUES AND DETERGENTS WE USE EVERY DAY.

THIS TERM WE WILL LEARNING ABOUT MATERIALS THAT DON’T MIX WELL, AND OTHERS THAT ARE DIFFICULT TO SEPARATE. WE EXPLORE HOW CHANGING THE QUANTITIES OF MATERIALS IN A MIXTURE CAN ALTER ITS PROPERTIES AND USES.