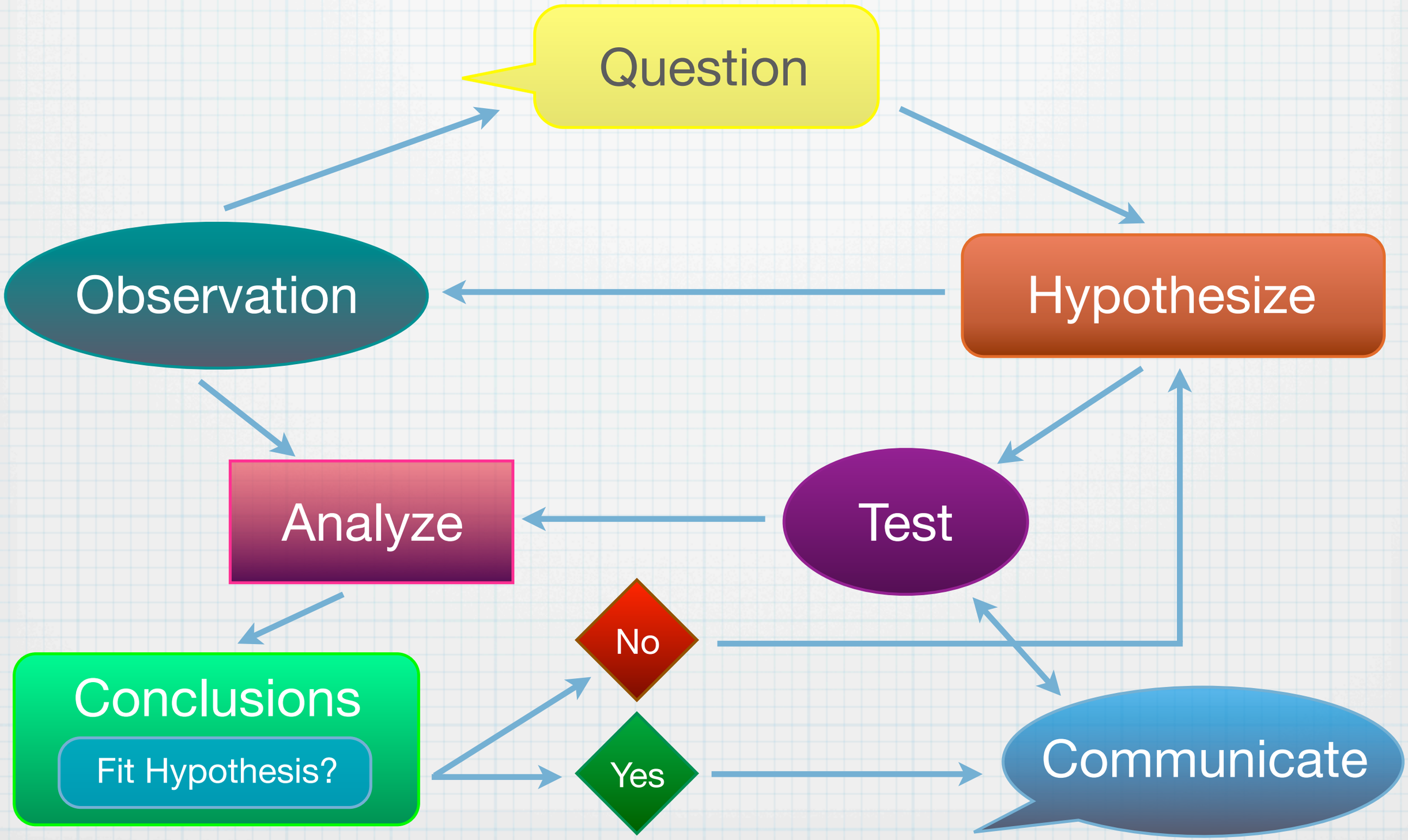The Scientific Method