The concepts of Hamiltonian paths, Hamiltonian cycles and Hamiltonian graphs have been studied extensively in the area of graph theory. The research in this area gave rise to a number of new concepts and properties involving paths and cycles in graphs, such as being Hamiltonian-connected, panconnected and pancyclic as well as the concept of path Hamiltonian graphs introduced in 2013. Inspired by these concepts, we introduce a related concept involving paths and cycles in graphs. Several results and open questions are presented in this area of research.