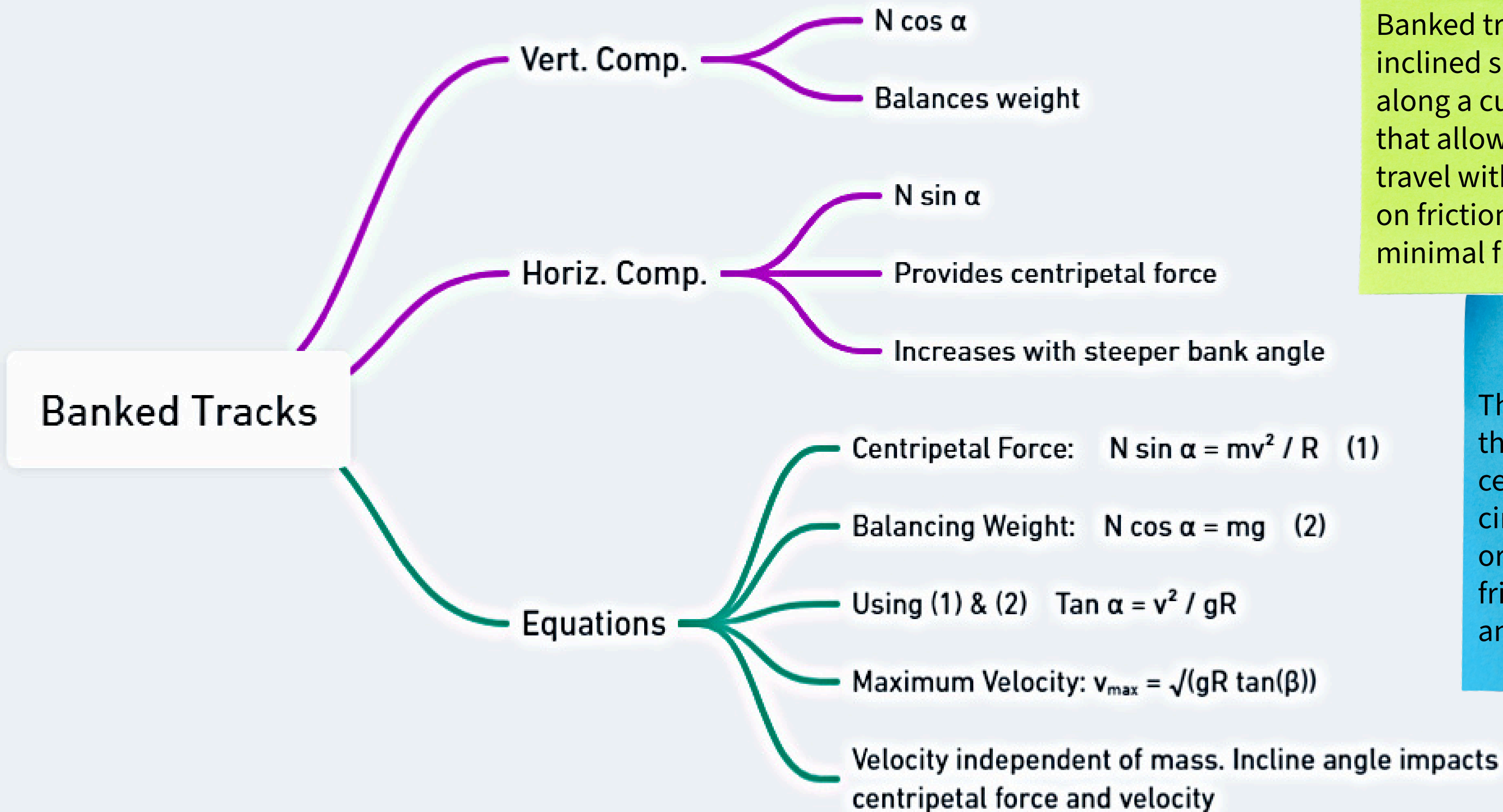


4. Mind Map: Banked Tracks



Banked tracks are inclined surfaces along a curved path that allow vehicles to travel without relying on friction or with minimal friction.

The idea is to use the force of gravity to help keep vehicles on the track as they navigate curves at high speeds.

The normal force exerted by the track provides the centripetal force required for circular motion. This reduces or eliminates the need for friction between the wheels and the track surface.

4. Mind Map: Banked Tracks

