Circular motion

Specification reference	Checklist questions	
5.2.1 a	Can you describe the radian as a measure of angle?	☐
5.2.1 b	Can you explain the period and frequency of an object in circular motion?	☐
5.2.1 c	Can you understand angular velocity ω, $\omega = \frac{2\pi}{T}$, or $\omega = 2\pi f$?	☐
5.2.2 a	Can you calculate a constant net force perpendicular to the velocity of an object, which causes it to travel in a circular path?	☐
5.2.2 b	Can you describe constant speed in a circle, $v = r\omega$?	☐
5.2.2 c	Can you understand centripetal acceleration, $a = \frac{v^2}{r}$ and $a = \omega^2 r$?	☐
5.2.2 d i	Can you explain centripetal force, $F = \frac{mv^2}{r}$ and $F = m\omega^2 r$?	☐
5.2.2 d ii	Can you describe techniques and procedures used to investigate circular motion?	☐