



PETA KONSEP CONCEPT MAP

GELOMBANG BUNYI SOUND WAVES

Ciri-ciri gelombang bunyi Characteristics of sound waves

Memerlukan medium
untuk perambatan
Need a medium to travel

Boleh dipantulkan
Can be reflected

Diserap oleh permukaan
yang berbeza
*Absorbed by different types of
surface*

Mempunyai kelajuan berbeza
dalam medium yang berbeza
Have a different speed in a different medium

Kenyaringan dan kelangsingan bunyi Loudness and pitch of sound

Frekuensi
Frequency

Kelangsingan
Pitch

Kenyaringan
Loudness

Amplitud
Amplitude

Contoh kenyaringan dan
kelangsingan bunyi
*Examples of loudness and pitch
of sound*

Fenomena dan aplikasi pantulan gelombang bunyi Phenomena and applications of reflection of sound waves

Gema
Echo

Aplikasi pantulan
gelombang bunyi
*Applications of reflection
of sound waves*

Kesan Doppler
Doppler Effect

Had pendengaran bagi
manusia dan haiwan
*Limitations of hearing in
humans and animals*