



# Why 20?



Many cities and towns are beginning to make 20mph streets more common in built up areas, especially residential areas and around schools. The whole of Riverside is now a 20mph neighbourhood, and the Riverside Community Council supports this decision, as it makes our streets healthier, safer and quieter.

## Healthier

Driving with more accelerations and decelerations increases exhaust emissions and the wear on brakes and tyres, which in turn produces particulate emissions. Driving style influences the amount of pollution produced by a motor vehicle. 20mph zones improve driving style, by slowing the overall speed and reducing the amount of acceleration and deceleration a driver will do.



## Safer

With the presence of a primary school and a wonderful playground in our neighbourhood, the safety of our streets is particularly important. Studies have shown that children cannot correctly judge the speed of vehicles travelling faster than 20mph, and so struggle to decide if it is safe to cross. Faster speeds means a reduced stopping time, and an increased likelihood of a collision.

If a crash were to occur, one that happened at 30mph involves twice as much energy and destructive potential as a crash at 20mph, which drastically increases the likelihood of severe injuries or fatalities if a pedestrian is involved.

Riverside is a neighbourhood that is centrally located, and much of Stirling is within walking or cycling distance. Many people don't have access to cars, and many people choose to use active travel (walking, wheeling, and cycling) for health or environmental reasons. Slower traffic makes the streets safer for pedestrians and cyclists, allowing people to walk, wheel and cycle in a safer, more pleasant environment.

## Quieter

Faster-moving vehicles generate more noise from tyres, and acceleration also increases the volume of a vehicle. Slower-moving vehicles tend to reduce traffic noise, making Riverside a quieter, more peaceful neighbourhood for us all.

