

1.

STREAM VELOCITY

As a stream slows down, more sediments are deposited

**Topic:
Weathering, Erosion,
and Deposition**

Aim:

What factors affect the rate of deposition by a stream?

Deposition -

the dropping off of sediments

Setting Rate

how fast a particle settles (cm/sec)

Setting Time

how long it takes for a particle to settle (seconds)

3.

PARTICLE DENSITY

The more dense the particle, the faster the rate of deposition

4.

PARTICLE SHAPE

The rounder the particle, the faster the rate of deposition (flat sediments fall slower)

2.

PARTICLE SIZE

The larger the particle size, the faster the rate of deposition (larger particles take less time to settle)