

Year 8 Swimming– How do we abide by the rules to swim successfully?

To develop their understanding of the importance of timing within the strokes



Swimming is known to be one of the only sports which provides people with a life skill, it also has many health benefits.

Anyone can take part in swimming due to the buoyancy of the water, as 90% of an individual's body weight is supported by the water, enabling individuals maximum range of motion when swimming. Water buoyancy is known to eliminate all joint stress during water-based exercises, making it an ideal sport because there is marginal impact, unlike ground exercise.

Wider experiences and opportunities:

- All students are invited to Swimming practice
- Students may be invited to compete in Swimming Galas

Transferable skills:

- Diving
- Water polo
- Underwater hockey
- Synchronised swimming

Personal survival:

- To respond to challenging situations
- Casualty recognition)
- Understand water safety
- Rescuing a casualty

Equipment:

Googles

Kick Board

Woggle/Noodle

Starts:

Forward start
Backward start
Push and glide

Dolphin Kick

Body:

- Moves in a undulating action from the head through tot toes

Legs:

- Legs are close together with ankles relaxed and toes pointed inwards
- Kick from the hips with a slight bend in the knees

Arms:

- Arms extended over the head/arms by hips.

Breathing:

- Head rises as hand push back to hips (Eagle)

Underweight	Less than 18.5
Desirable	18.5 - 24.9
Overweight	25.0 - 29.9

Fitness Component	Training Method	Testing Method
Body Composition: Is the percentages of fat, bone, water and muscle in human bodies.	<p>Continuous training: This is training at a steady pace and moderate intensity for a minimum period of 30 minutes.</p> <p>Fartlek training: This is where the intensity of training is varied by running at different speeds or over different terrain. The training is continuous with no rest period.</p>	<p>Body Mass Index</p> $BMI = \frac{\text{mass(kg)}}{(\text{height(m)})^2}$

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Front Crawl

About it: The most efficient and quickest of all strokes as well as being the most commonly used in freestyle event which range from 25 metres to 1500 metres.

Body:

- Horizontal and streamlined
- Water level at hairline
- Eyes focus forward and down
- Body rolls

Legs:

- Kick from the hip with pointed toes
- Heels break the water surface
- Relax ankles
- 35-40cm deep kick with a 2-6 beat rhythm

Arms:

- Enter fingers – wrist – elbow
- Extend to full and stretch under the water
- Elbow leaves water first to recover

Breathing:

- Face turns sideways out of the water
- Breathe in when face is out
- Return face as arm re-enters the water
- Blow out in the water

Timing:

- Simultaneous leg and arm action



The Skills

Back Crawl

About it: Is the fastest stroke and the only one of the swimming strokes swum on the back.

Body:

- Flat, streamlined and horizontal
- No snaking
- Body rolls
- Still head position
- Back of head in the water 45 degree

Legs:

- Pointed toes - 'make toes splash'
- Kick from the hip keeping legs together
- Relaxed ankles

Arms:

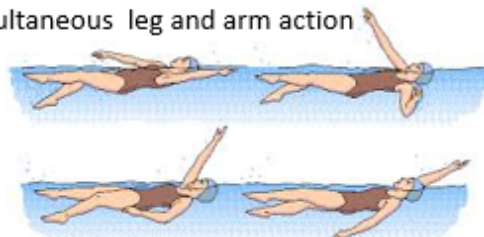
- Windmill action
- Thumb exits the water
- Little finger enters the water
- Shoulder brushes ear

Breathing:

- Inhale on one arm and exhale on the other
- Smooth breathing action

Timing:

- Simultaneous leg and arm action



Breast Stroke

About it: The most popular recreational style of all strokes however it is the most complicated due to the alternated legs and arms

Body:

- Hold a streamlined position – glide phase
- Water level at hairline – still head
- Shoulder lift up on recovery
- Keep legs high up in the water

Legs:

- Knees – toes – out – close
- Draw heels to bum
- Turn heels out
- Kick back hard
- Squeeze and hold

Arms:

- Long stretch – thumbs together
- Small scoops/circle - high elbows

Breathing:

- Breathe in as the head lifts on the arm pull
- Breath out in the water on the glide

Timing:

- Alternating leg and arm action

