## Swimmers

## Log Book

| Head Coach: | Andrew Stone <br> Denstone Coaches: <br> Kerry Bebbington <br> Rob Brinkley <br> Helen Eyre <br> Jo Hopkinson |
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| Denstone Swimming  <br> Groups: $\left.\begin{array}{l}\text { National Potential } \\ \text { Regional Potential } \\ \text { County Potential }\end{array}\right\}$ Lanes 3 to 6 <br> Juniors $\quad$ Lanes 1 \& 2 |  |

## How to use the log book

Your log book is for you to record your swimming training and competition information. Including in the log book are:

- A chart to record your height and weight each month
- A goal settings page eg perhaps there are certain qualifying times you would like to achieve at the next Open Meet. In the mid-term, maybe you would like to reach a County or Regional Championship final, and in the long-term perhaps you would like to achieve a National ranking.
- The next few pages are for you to record the target times and times achieved in competition. The Competition log is for use at meets and championships and for you to record any comments about your swims ie how you felt, what you ate before and during the meet, how much you drank. This is very useful as it can sometimes explain why you swam so well or why it wasn't as you'd hoped. There is a space for your coach to comment after the Meet.
- Training sessions - similar to the competition pages, to be filled in after each training session to record the main emphasis of that week in the training cycle \& that session. It should explain the type of work carried out, no. of metres swum, your comments, ratings for fatigue, muscle soreness, health \& diet and your resting HR.

If you have used all the sheets provided, extra sheets can be printed from the Cheadle Swimming Club website - cheadleasc.org.uk

## About me

Address:
Height \& Weight Record

| Sep | Height | Weight | Notes |
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## Effective Goal Setting



My Goals

| SHORT TERM: <br> (this year) |  |
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| MID TERM: <br> (next year) |  |
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| LONG TERM: |  |
| (in a few years time) |  |
| Signed by (swimmer): |  |
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My Swimming Times - FREESTYLE (short distance)

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My Swimming Times - FREESTYLE (long distance)

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My Swimming Times - BREASTSTROKE

| Date | Venue/competition | 50m | 100m |  |  |
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My Swimming Times - BUTTERFLY

| Date | Venue/competition | 50m | 100m | 200m |
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My Swimming Times - INDIVIDUAL MEDLEY

My Competition Results

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My Competition Results


Comments from coach: $\qquad$ -

| Date | Session/Volume (m) | Comments | How I felt |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | $\begin{aligned} & \hline \text { Health } 12345 \\ & \text { Diet } \quad 12345 \end{aligned}$ |
|  |  |  | Fatigue <br> Muscle Soreness Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | $\begin{array}{ll} \hline \text { Health } & 12345 \\ \text { Diet } & 12345 \end{array}$ |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | $\begin{array}{ll} \text { Health } 12345 \\ \text { Diet } \quad 12345 \end{array}$ |
|  |  |  | Fatigue <br> Muscle Soreness Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | $\begin{array}{ll} \text { Health } & 12345 \\ \text { Diet } & 12345 \end{array}$ |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | $\begin{array}{ll} \text { Health } & 12345 \\ \text { Diet } & 12345 \end{array}$ |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | Health 12345 Diet $\quad 12345$ |

Comments from coach: $\qquad$ _

| Date | Session/Volume (m) | Comments | How I felt |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | $\begin{aligned} & \text { Health } 12345 \\ & \text { Diet } \quad 12345 \end{aligned}$ |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | $\begin{array}{ll} \text { Health } & 12345 \\ \text { Diet } & 12345 \end{array}$ |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR : | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | Health 12345 Diet $\quad 12345$ |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | Health 12345 Diet $\quad 12345$ |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | $\begin{aligned} & \text { Health } 12345 \\ & \text { Diet } \quad 12345 \end{aligned}$ |
|  |  |  | Fatigue <br> Muscle Soreness <br> Resting HR: | $\begin{aligned} & 12345 \\ & 12345 \end{aligned}$ | Health 12345 Diet $\quad 12345$ |

Comments from coach: $\qquad$

## Nutritional Information

The main source of energy during training is derived from carbohydrate; therefore, it is not surprising that high carbohydrate meals and drinks are essential to provide energy and to facilitate recovery.
The timing of meals and snacks is also important.

## 30 Minute Rule:

The muscles are most susceptible to restoration of carbohydrate stores within the first 30 minutes after exercise. The swimmer should eat 50 to 100 grams of carbohydrate, whilst keeping fat ingestion low, as soon as training finishes, and definitely within the first 30 minutes after training. The following are examples of appropriate snack foods:

Fruit, multi-grain bars, jam or honey sandwich, malt loaf, fig rolls, smoothie, muller rice, dried fruit, rice cakes.

## Keep hydrated:

It is vitally important to drink plenty of fluids (water, juices, sports drink) prior to training, during training and after training.

## Important:

As water is stored with carbohydrate, it is essential that a substantial amount of fluid is drunk with meals and snacks.

## Morning training:

Have a snack item (examples above) with fruit juice 30 minutes before training with breakfast after training.

## Guidelines for event meals

## Before a race:

High carbohydrate/low fat meal 2-4 hours before the race. Suitable types of food include: breakfast cereals, porridge, bread, toast, fruit juice, fruit, rice cakes, boiled rice, potatoes, boiled pasta, oatmeal biscuits, muffins and carbohydrate drinks. These foods all help to release energy slowly. A small snack (see snacks above) may be eaten about 30 minutes prior to a race.

## If the interval between races is under $\mathbf{3 0}$ minutes:

You should drink fluids /juices or a sports drink.

## If the interval between races is up to 1 hour:

You should have a snack from the above list, with plenty of fluid, up to 30 minutes before the next race.

## If the interval is $\mathbf{1} \mathbf{-} \mathbf{2}$ hours:

You should have a small high carbohydrate /low fat meal.

## 30\% Fat Rule

It is recommended that swimmers should eat high carbohydrate low fat meals. Low fat is defined as food items with less than $30 \%$ fat by calories. This is not the value that is presented by the food manufacturers, who display fat content by weight, which makes the foodstuff appear healthier than it usually is.

## An easy way to calculate the true fat content of food:

- Look at the label on the food and see how many grams of fat it contains per serving
- Multiply the number of grams by 10 to calculate the number of kcal from fat per serving
- Look at the label for the total energy, the number of kcal per serving
- Divide the kcal from fat by the total kcal and multiply by 100

You now have the TRUE fat content of the food stuff.

## Examples:

McCain oven chips: (packet claims to be less than 5\%fat)

- The label shows 5.4 grams of fat per serving
- This means there are 54 kcal per serving $(5.4 \times 10)$
- The label shows 163 kcal per serving
- The \% fat content is, therefore, 54 divided by $163 \times 100=33.1 \%$.

Decision:
This is greater than 30\%, so you should reject.
Baked Beans in Tomato Sauce (Tesco):

- A 100 g portion provides 0.3 g fat
- $0.3 \times 10=3 \mathrm{kcal}$
- Total energy $=85 \mathrm{kcal}$ per serving
- $\%$ fat content $=3$ divided by $85 \times 100=3.5 \%$.

Decision:
This is less than $\mathbf{3 0 \%}$, so you should accept.

