



Oxford Primary School
High Street, Oxford, Kent, TN14 5PG
Explore, Discover, Fly High

www.pta-events.co.uk/otfordptfa

Further Details of Confidentiality & Security

The Oxford Primary School PTFA website is hosted by PTA Events.

What information do we need?

In order to use the PTA Events website we require the following bare minimum of information:

- First name
- Last name
- Email address
- Telephone
- Password

Passwords are salted and hashed using either SHA 256, 384, or 512 encryption before being stored in the database. This means neither the Oxford Primary School PTFA nor the site host PTA Events can get at your password. An example of stored passwords is as follows:

Password: test

Hashed

string: 62567BD684A7D27F68E1393492C549CFBD759C2FC550D5045ADF22F497B3182ACF9DF18012E72AD4C301CA4E1FE2E9E1C6A6820F47AC50F78B630C9EF8B9781B

Encryption type: SHA512

Salt: ke4\$3^u0t@zto49d90124^~622y9@\$4@^8j^\$I7@170C9545-ECBC-402B-993FD4739F855FF9

Running the encryption process a second time gives a completely different Hashed string as it uses a completely different salt to encrypt the password:

Hashed

String: 7425D4B9D88D7DA1E0830A2DEAAB5AE3FA911A8DBDBC76E510A06274C2987529F3DC058715A2F709A9D59F837E9B6B2D0B7F9E06DF4C1E67CE48555276662B77

Encryption type: SHA384

Salt: fov\$S11l~\$@\$9~@^1zee~^\$1@ona08\$3^9\$~5v5nh6777A1FE3664-CB25-4B7B-9EA68D5BB041A0C8

At some stage of the booking process you may be required to enter other information such as a child's name if making a booking for a child or registering a child on a class list.

Secure Sockets Layer Technology

The PTA Events website is secured using SSL technology for your extra peace of mind. SSL allows sensitive information such your login credentials to be transmitted securely. (Normally, data sent between browsers and web servers is sent in plain text leaving you vulnerable to eavesdropping. If an attacker is able to intercept data being sent between a browser and a web server they can see and use that information.) PayPal also use SSL to secure the connection between the client's browser and their website when paying for any products purchased.

Data Protection

The website host is registered with the ICO (Information Commissioner's Office) the details of which can be seen using the link below. They take the security of data very seriously. Backups of the database are currently stored in secure cloud storage. <https://ico.org.uk/ESDWebPages/DoSearch?req=466002>

PCI-DSS Compliance

PTA Events do not need to be PCI-DSS (Payment Card Industry Data Security Standards) compliant as they don't store any secure credit card data. All transactions are handled by PayPal who are level one PCI-DSS compliant and they secure customer's credit card details. After a transaction has been completed, PayPal sends an IPN (Instant Payment Notification) to a secure page on the PTA Events website notifying us that the order has been completed. No personal data is passed from the PTA Events website to PayPal. PTA Events have no access to your PayPal information other than notifications received from them upon order completion.

No website in the world can be 100% secure, as we've seen over the last few years with hackers gaining access to confidential data behind big corporate firewalls eg Adobe, Sony and ebay. As website host, programmer and database developer, PTA Events will apply best practice and keep up to date with new technologies to ensure your data is kept secure and private.