# Accessing Microsoft School Data Sync Sandbox Environment

The Microsoft School Data Sync (SDS) Sandbox environment is an O365 Education tenant populated with test data by SDS which is available for testing your Azure Active Directory application. The test data includes all SDS data elements (schools, sections, teachers, students and rosters) and emulates a US school district of small to medium size.

To access the SDS Sandbox environment you will need to create/register a Multi-Tenant Azure Active Directory App on your own AAD subscription and implement the Admin and end user Consent Flows properly (details [here](https://docs.microsoft.com/en-us/azure/active-directory/develop/active-directory-integrating-applications)). Your application will need to be granted Admin consent to access the Edu directory information in the Sandbox tenant’s directory.

## Steps:

1. Deploy this sample app or your own app either on Azure or any other Server so that an Administrator can grant the above Directory level permissions to the app.
2. Send the URL for the app to [sdsappsub@microsoft.com](mailto:sdsappsub@microsoft.com) along with a description of the app and permissions scopes it will request. An administrator on the SDS Sandbox environment will use the URL to login and provide consent to the App. Once done, you will receive the credentials of 2 students and 1 teacher in order to test your application.

**NOTE: These credentials may expire or may be reset but can be renewed by mailing the above email address.**

1. You can access the directory objects using the Graph API by using the Access Token of the logged in user. For further details on the operations accessible through the APIs, please see the attached other document.

## Helpful Links:

[Integrating Applications with Azure Active Directory](https://azure.microsoft.com/en-gb/documentation/articles/active-directory-integrating-applications/)