Obtaining YouTube API and OAuth Credentials

1. Google APIs on Google Developer Console
   https://console.developers.google.com/projectselector2/apis/dashboard?supportedpurvie w=project You may need to use a personal email b/c need admin capabilities to allow use in organization-based gmail accounts.
2. Choose Create.
3. Name your project - you cannot change this name later.
4. Click Enable API and Services.
5. Type 'YouTube" in the search box.
6. Choose YouTube Data API v3
7. Click Enable.
8. Choose Create Credentials.
   a. "Which API are you using?", choose "YouTube Data API v3."
   b. "Where will you be calling the API from?", choose "Other UI"
   c. "What data will you be accessing"", choose "Public Data"
9. Click "What credentials do I need?"
10. COPY AND SAVE YOUR KEY
11. You can Restrict Key, if you choose.
12. Go to OAuth Consent Screen (left tab)
13. Create credentials. This allows the R tuber package third-party access via your account to YouTube's API.
    a. Near the top of the screen, type in the Application Name: tuber
    b. Click Save at the bottom of the screen.
14. Go back to Credential - choose CREATE CREDENTIALS OAuth client ID
    a. Choose type: Other
    b. Name: tuber_R (or whatever you choose)
15. SAVE THE CREDENTIALS for later use.

The difference between API keys and OAuths:
https://developers.google.com/youtube/registering_an_application

For a quick list of what fields are obtainable via the YouTube API:
https://developers.google.com/youtube/v3/docs

For a more in depth explanation of API authorizations used in R packages:
https://cran.r-project.org/web/packages/googlesheets/vignettes/managing-auth-tokens.html