

DESIGN & TECHNOLOGY

A LEVEL PRODUCT DESIGN: Y11-12 TRANSITION UNIT



WATCH



Watch these informative videos

1. Learn how to take '**Cornell Notes**': <https://youtu.be/WtW9lyE04OQ>
2. Make 'Cornell' notes on the following videos on **Design Movements**:
 - a. **Arts and Crafts** <https://youtu.be/tYjNO2Y4m6c>
 - b. **Art Nouveau** <https://youtu.be/P4luPnObQYo>
 - c. **Bauhaus** <https://youtu.be/ZQa0BajKB4Q>

LISTEN



Listen to the following Podcasts:

1. **99pi 'Their Dark Materials'** <https://99percentinvisible.org/episode/their-dark-materials/>
2. **99pi 'Invisible Women'** <https://99percentinvisible.org/episode/invisible-women/>
3. **99pi 'Windcatchers of Dubai'** <https://99percentinvisible.org/article/windcatchers/>
4. **Chips with Everything- How do you build a self repairing city?** <https://soundcloud.com/guardianchips/how-do-you-build-a-self-repairing-city-tech-podcast>

READ



Read these wonderful articles and books:

1. **99pi 'Learning Curves- How Simple Splines Help Designers Model Complex 3D Forms'** <https://99percentinvisible.org/article/learning-curves-how-simple-splines-help-designers-model-complex-3d-forms/>
2. **Making It 3rd Ed: Manufacturing Techniques for Product Design** https://www.amazon.co.uk/dp/1786273276/ref=cm_sw_em_r_mt_dp_U_RwfSEb89RNT1W
3. **Drawing for Product Designers (Portfolio Skills)** https://www.amazon.co.uk/dp/1856697436/ref=cm_sw_em_r_mt_dp_U_7zfSEbDGYXKTN

SKILL



Learn a new Skill or develop an existing one:

1. **Learn to draw using perspective**
 - a. **One Point Perspective** for beginners <https://youtu.be/qOojGBEsWQw>
 - b. **Two Point Perspective- How to draw** <https://youtu.be/4xQYLMXBt5A>
 - c. **Three Point Perspective** for beginners <https://youtu.be/iu2iZf8Jyfk>
 - d. **Five Point Perspective- Times Square** <https://youtu.be/9NtpF3QkCxx>
2. **Learn to use CAD- AutoDesk Inventor**
 - a. Create an AutoDesk account for **FREE software** <https://www.autodesk.com/education/free-software/inventor-professional>
 - b. Use YouTube tutorials to **build a CAD Scooter** <https://www.youtube.com/playlist?list=PLACTJk4sWiHe6b0SNSi64ue46w9e6Bh3E>

