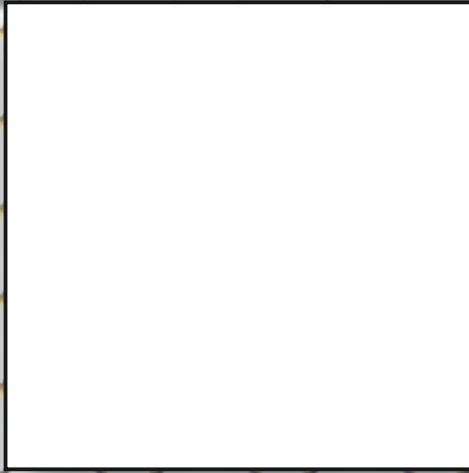


# 1

# STARTER CARDS - MODERN MATERIALS

**1** **MODERN MATERIALS**


**HELPFUL LINK** [http://www.technologystudent.com/despro\\_flash/graphene1.html](http://www.technologystudent.com/despro_flash/graphene1.html)

NAME	DESCRIPTION	PRACTICAL APPLICATION (SKETCH and LABELS)
<p>Graphene</p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

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**2** **MODERN MATERIALS**

**HELPFUL LINKS** [http://www.technologystudent.com/joints\\_flash/metalfoam1.html](http://www.technologystudent.com/joints_flash/metalfoam1.html)  
[http://www.technologystudent.com/joints\\_flash/metalfoam2.html](http://www.technologystudent.com/joints_flash/metalfoam2.html)

NAME	DESCRIPTION	PRACTICAL APPLICATION (SKETCH and LABELS)
<p>Metal Foams</p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

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# 2 STARTER CARDS - MODERN MATERIALS

## 3 MODERN MATERIALS

**HELPFUL LINK** <http://www.technologystudent.com/joints/titanium1.html>

**NAME**

**DESCRIPTION**

**PRACTICAL APPLICATION  
(SKETCH and LABELS)**

**Titanium**

## 4 MODERN MATERIALS

**HELPFUL LINK** [http://www.technologystudent.com/joints\\_flsh/nanomats1.html](http://www.technologystudent.com/joints_flsh/nanomats1.html)

**NAME**

**DESCRIPTION**

**PRACTICAL APPLICATION  
(SKETCH and LABELS)**

**Nanomaterials**

# 3 STARTER CARDS - MODERN MATERIALS

## 5 MODERN MATERIALS

**HELPFUL LINK** [http://www.technologystudent.com/despro\\_fish/flexply1.html](http://www.technologystudent.com/despro_fish/flexply1.html)

**NAME**

**DESCRIPTION**

**PRACTICAL APPLICATION  
(SKETCH and LABELS)**

**Flexible MDF**

## 6 MODERN MATERIALS

**HELPFUL LINK** [https://en.wikipedia.org/wiki/Liquid-crystal\\_display](https://en.wikipedia.org/wiki/Liquid-crystal_display)

**NAME**

**DESCRIPTION**

**PRACTICAL APPLICATION  
(SKETCH and LABELS)**

**Liquid Crystal  
Displays  
LCD**

**7** **MODERN MATERIALS**

**HELPFUL LINK** <http://www.technologystudent.com/joints/pla1.html>

NAME	DESCRIPTION	PRACTICAL APPLICATION (SKETCH and LABELS)
<div data-bbox="92 618 445 916" style="border: 1px solid black; padding: 10px; text-align: center;"> <p><b>Poly lactide</b></p> </div>	<div style="border: 1px solid black; padding: 5px;"> <hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/> </div>	<div style="border: 1px solid black; height: 200px; width: 100%;"></div>

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**8** **MODERN MATERIALS**

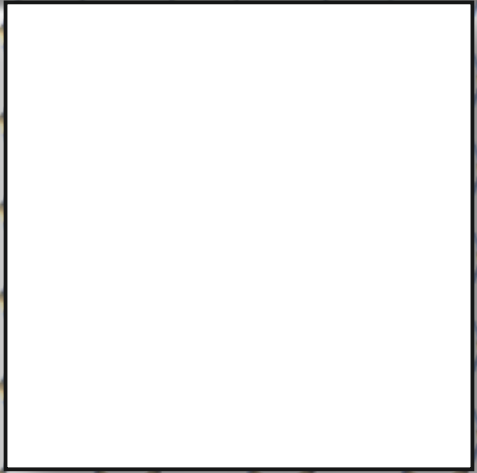
**HELPFUL LINK** <http://www.technologystudent.com/prddes1/biopola.html>

NAME	DESCRIPTION	PRACTICAL APPLICATION (SKETCH and LABELS)
<div data-bbox="92 1664 445 1962" style="border: 1px solid black; padding: 10px; text-align: center;"> <p><b>Biopol</b></p> </div>	<div style="border: 1px solid black; padding: 5px;"> <hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/> </div>	<div style="border: 1px solid black; height: 200px; width: 100%;"></div>

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**9** **MODERN MATERIALS**

**HELPFUL LINK** [https://en.wikipedia.org/wiki/Optical\\_fiber](https://en.wikipedia.org/wiki/Optical_fiber)

NAME	DESCRIPTION	PRACTICAL APPLICATION (SKETCH and LABELS)
<p><b>Fibre Optics</b></p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

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