

```

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Astronomy</title>
<link type = "text/css" rel = "stylesheet" href = "Astronomy.css">
<script type="text/javascript" src = "Astronomy.js"></script>
</head>
<body class = "mainbody">

    <div class = "outlineBox">

        <div class = "header">

            <h1 class = "title">Star Formation</h1>

        </div>

        <div class = "navigationBar">

            <table>

                <tr>

                    <td class = "navigationBoxes">Star
Formation</td>

                </tr>

                <tr>

                    <td class = "navigationBoxes">Types of
Stars</td>

                </tr>

                <tr>

                    <td class = "navigationBoxes">Star Life
Cycles</td>

                </tr>

            </table>

        </div>

        <img src = "images/mainImage.jpg" class = "titleImage">

        <div class = "information" id = "sectionOne">

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```
<h3 class = "subHeadings">Star Formation</h3>
```

```
<p class = "text">Stars form from massive clouds of hydrogen  
and helium called nebulas.</p>
```

```
<p class = "text" id = "secondText">The gas in the cloud is  
pulled together by gravity. This gas keeps accreting and the baby star keeps  
getting bigger until it hits a critical mass and starts nuclear fusion. Once it has  
started fusing hydrogen into helium it is considered a star.</p>
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```
<img src = "images/Star formation 1.jpg" class =  
"mainImage">
```

```
<img src = "images/star formation 2.jpg" class =  
"otherImages">
```

```
<img src = "images/star formation 3.jpg" class =  
"otherImages">
```

```
<img src = "images/star formation 4.jpg" class =  
"otherImages">
```

```
<img src = "images/advertisement2.jpg" class =  
"advertisements" onclick = "randomAd()">
```

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</div>
```

```
<div class = "information" id = "sectionTwo">
```

```
<h3 class = "subHeadings">Types of Stars</h3>
```

```
<p class = "text">Depending on how much mass the star  
gathered while it was growing in the nebula determines what kind of star it will  
be.</p>
```

```
<p class = "text" id = "secondText">The main big categories  
are supergiants, giants, main sequence, and white dwarf. The graph below shows the  
properties of each of these stars Luminosity is how much light the star emits.</p>
```

```
<img src = "images/types of stars 3.jpg" class =  
"mainImage">
```

```
<img src = "images/types of stars 2.jpg" class =  
"otherImages">
```

```
<img src = "images/types of stars 4.jpg" class =  
"otherImages">
```

```
<img src = "images/types of stars 1.jpg" class =
```

"otherImages">

                    <img src = "images/advertisement10.jpg" class =  
"advertisements" onclick = "randomAd()">

</div>

<div class = "information" id = "sectionThree">

    <h3 class = "subHeadings">Life Cycle of Stars</h3>

    <table>

        <tr>

            <td>Small Stars</td>

            <td>Medium Stars</td>

            <td>Large Stars</td>

        </tr>

        <tr>

            <td>Burn through fuel</td>

            <td>Burn through most of the fuel</td>

            <td>Burn through fuel</td>

        </tr>

        <tr>

            <td>Expand into red giant</td>

            <td>Expand into red giant</td>

            <td>Expand into red giant</td>

        </tr>

        <tr>

            <td>Burn rest of fuel</td>

            <td>Burn the rest of the fuel</td>

            <td>Burn the rest of the fuel</td>

```

        </tr>

        <tr>

            <td>Outer layers blow off and form planetary
nebula</td>

            <td>Explode in a supernova</td>

            <td>Massive supernova turns the core of the
star into either a neutron star or a black hole</td>

        </tr>

    </table>

    <img src = "images/life cycle of stars 1.jpg" class =
"mainImage">

        <img src = "images/life cycle of stars 2.jpg" class
= "otherImages">

        <img src = "images/life cycle of stars 3.jpg" class
= "otherImages">

        <img src = "images/life cycle of stars 4.jpg" class
= "otherImages">

        <img src = "images/advertisement1.jpg" class =
"advertisements" onclick = "randomAd()">

    </div>

    <div class = "quizBox">

        <h3 class = "quizHeader">Quiz</h3>

        <h4 class = "questions" id = "questionOne">Where do
stars form?</h4>

        <div class = "option1">

            <button class = "optionChose" id =
"option1" onclick = "addToAnswers(1.1)">a</button>

            <h5 class = "optionText" id =
"option1">Nebulas</h5>

        </div>

```

```

        <div class = "option2">
            <button class = "optionChose" id =
"option2" onclick = "addToAnswers(1.2)">b</button>
            <h5 class = "optionText" id =
"option2">in Galaxies</h5>
        </div>

```

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        <div class = "option3">
            <button class = "optionChose" id =
"option3" onclick = "addToAnswers(1.3)">c</button>
            <h5 class = "optionText" id =
"option3">From other exploded stars</h5>
        </div>

```

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        <div class = "option4">
            <button class = "optionChose" id =
"option4" onclick = "addToAnswers(1.4)">d</button>
            <h5 class = "optionText" id =
"option4">In space</h5>
        </div>

```

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        <div class = "option5">
            <button class = "optionChose" id =
"option5" onclick = "addToAnswers(1.5)">e</button>
            <h5 class = "optionText" id =
"option5">Nowhere space is faked by NASA</h5>
        </div>

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        <h4 class = "questions" id = "questionTwo">What
happens when a star burns most of its fuel?</h4>

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        <div class = "option1">
            <button class = "optionChose" id =
"option1" onclick = "addToAnswers(2.1)">a</button>
            <h5 class = "optionText" id =

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"option1">It turns into a black hole.</h5>

</div>

<div class = "option2">

    <button class = "optionChose" id =
"option2" onclick = "addToAnswers(2.2)">b</button>

    <h5 class = "optionText" id =
"option2">It becomes a neutron star</h5>

</div>

<div class = "option3">

    <button class = "optionChose" id =
"option3" onclick = "addToAnswers(2.3)">c</button>

    <h5 class = "optionText" id =
"option3">It expands into a red giant</h5>

</div>

<div class = "option4">

    <button class = "optionChose" id =
"option4" onclick = "addToAnswers(2.4)">d</button>

    <h5 class = "optionText" id =
"option4">It explodes into a supernova</h5>

</div>

<div class = "option5">

    <button class = "optionChose" id =
"option5" onclick = "addToAnswers(2.5)">e</button>

    <h5 class = "optionText" id =
"option5">It goes to the gas station</h5>

</div>

<h4 class = "questions" id =
"questionThree">What is the smallest coolest kind of star?</h4>

<div class = "option1">

    <button class = "optionChose" id =

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```

"option1" onclick = "addToAnswers(3.1)">a</button>

                                <h5 class = "optionText" id =
"option1">White dwarf</h5>

                                </div>

                                <div class = "option2">

                                    <button class = "optionChose" id =
"option2" onclick = "addToAnswers(3.2)">b</button>

                                    <h5 class = "optionText" id =
"option2">Red dwarf</h5>

                                </div>

                                <div class = "option3">

                                    <button class = "optionChose" id =
"option3" onclick = "addToAnswers(3.3)">c</button>

                                    <h5 class = "optionText" id =
"option3">Neutron star</h5>

                                </div>

                                <div class = "option4">

                                    <button class = "optionChose" id =
"option4" onclick = "addToAnswers(3.4)">d</button>

                                    <h5 class = "optionText" id =
"option4">Black hole</h5>

                                </div>

                                <div class = "option5">

                                    <button class = "optionChose" id =
"option5" onclick = "addToAnswers(3.5)">e</button>

                                    <h5 class = "optionText" id =
"option5">Red giant </h5>

                                </div>

                                <button class = "gradeButton" onclick =
"checkAnswers()">Grade Now</button>

```

```
</div>
```

```
<button class = "backButton">Back</button>
```

```
<button class = "nextButton">Next</button>
```

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</div>
```

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</body>
```

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</html>
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