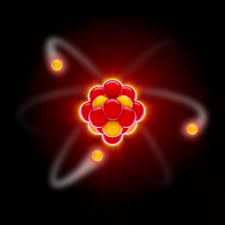
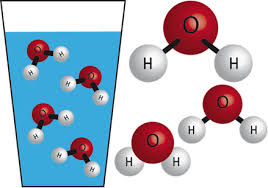
Tela preta com letras brancas

Descrição gerada automaticamente

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| **Atividade Avaliativa de Ciências** | | | | |
| **Nome:** | | | **Nº** | **Série: 6º B** |
| **1º Bimestre** | **Data: / /2020** | **Valor da Atividade: 10** | | **Nota:** | |
| **Professor:** Juliana Mulareks | | | |
| **Conteúdo: Origem e propriedades da matéria – Misturas e separação** | | | | | |
| **Habilidades:**  compreender que matéria é composta por átomos e que a união destes resultam nas moléculas; classificação de misturas em homogêneas e heterogêneas, | | | | | |



1. Atualmente o modelo atômico de Rutherford – Bohr é o mais aceito no meio científico.
2. Descreva quais foram os experimentos realizados por estes dois cientistas para que chegassem a essa estrutura. (0,5)

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1. Desenhe um átomo apresentando cada componente de sua estrutura e a classificação quanto as cargas elétricas (0,5)
2. Descreva o que são moléculas e como se dá a sua formação (1,0)

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1. Os elementos químicos catalogados na tabela periódica apresentam diferentes numerações. Explique detalhadamente o significado destes números. (1,0)?

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1. Considerando as substâncias simples e compostas:
2. Defina cada uma delas (0,5)

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1. Faça uma ilustração exemplificando-as (0,5).

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| Substância simples | Substância composta |

1. Toda matéria possui caraterísticas próprias, conhecidas por “propriedades gerais ou específicas da matéria”. Classifique as características apresentadas a seguir em geral ou específica associando-as a ações ou situações que fazem parte do cotidiano (1,0):

Divisibilidade\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Densidade\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Extensão\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Cor\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Indestrutibilidade\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Massa\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Reaitvidade\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Impenetrabilidade\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Odor\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inércia\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6- Fenômeno é todo evento observado que pode ser descrito e explicado cientificamente. Caracterize o que são e como ocorrem os fenômenos químicos e físicos da matéria. Recorte e monte o hexaedro da página 63 para verificar a ocorrência do fenômeno físico citado no livro (1,0).

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7-Em relação a formação do Universo e da matéria e levando em consideração as leis da termodinâmica, quais as principais diferenças apresentadas pelos modelos criacionista e naturalista (1,0).

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8- Distribua os seguintes itens em um diagrama (1,0):

Homogênea; Substância; Composta; Matéria; Heterogênea; Simples; Mistura

9- Considerando que “fase” é cada parte visível de uma mistura, temos bem distintas:

Misturas homogêneas – que apresentam uma única fase

Misturas heterogêneas – que apresentam duas ou mais fases

Indique e exemplifique 3 métodos de separação de misturas heterogêneas utilizados no seu cotidiano e 3 métodos de separação de misturas homogêneas utilizados na indústria (2,0).

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